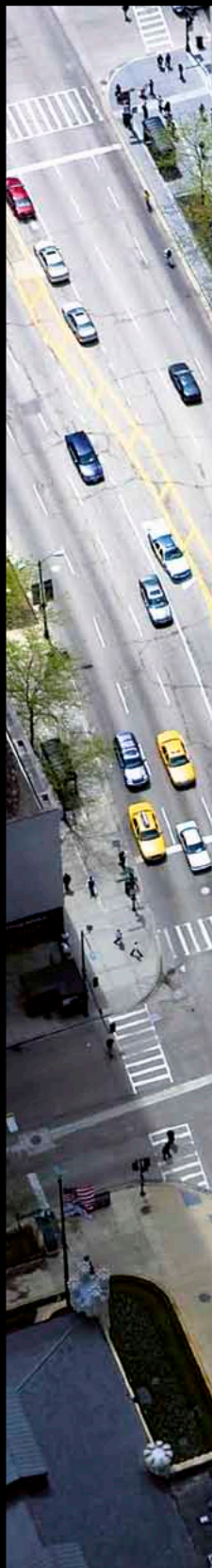VIDEOTEC

ENGLISH

CCTV Products Catalogue 2011

Videotec is a simple and efficient organization; we believe it enables to continue improving our products and services, allowing greater flexibility in front of a rapidly changing market.

REAL MANUFACTURER - REAL BRAND
From the production plants and branch offices, products are distributed and installed all over the world.

WIDE RANGE OF AVAILABLE SOLUTIONS AND PRODUCTS
Videotec's products have been designed to operate perfectly in a wide range of applications and environments. Most products are immediately available thanks to high stock capacity and fast delivery service.

R&D
The engineering team develops products with ease of use, simplicity and durability combined with aesthetics. Our ongoing commitment is to bring new technologies to the marketplace.

SALES AND TECHNICAL SUPPORT
Training programs for distributors, installers and users, instruction manuals and literature available in different languages, an interactive and updated website, and above all a direct communication to the manufacturer enable us to surpass customer's expectations.

AUTOMATION
Production is carried out across highly automated assembly lines obtaining cost-effective products.

CONTENTS

INTEGRATED POSITIONING UNITS

More than a PTZ, more than a speed dome. The all-in-one ULISSE systems integrate a high speed 360° rotating P&T head with a camera housing and a multiprotocol telemetry receiver and are really easy to install and configure. All units are guaranteed IP66 weatherproof. To respond to all application needs, different models have been developed in compact, medium and maxi sizes: with choice of analog or IP control mode, with built-in camera, IR illuminators option, absolute positioning sensors. The selection offers units suitable for Network cameras and thermal cameras. The ULISSE is a truly innovative, versatile, widely appealing product ideal for use in any application for outdoor dynamic video surveillance.

ULISSE COMPACT

POSITIONING UNIT WITH DAY/NIGHT CAMERA

- Variable speed: 0.1°-200°/s Pan and 0.1°-200°/s Tilt
- Horizontal continuous rotation
- Vertical rotation -90°/+90°
- Preset accuracy: 0.05°
- 36x,28x,18x or 10x optical zoom
- Dynamic video masking of different areas
- Day/night (Auto ICR: automatic removal of IR filter)
- Versions with built-in wiper and infrared LED illuminator
- Multiprotocol RS485/ RS422 serial interface
- Up to 250 presets
- I/O alarm card: 6 alarm inputs
- Firmware remotely upgradable
- Built-in IR LED illuminator (option):
  - 10° or 30° beam pattern for 36x and 28x camera
  - 30° beam pattern for 18x and 10x cameras
  - Wavelength: 850nm
  - Nr of LEDs: 9
  - Built-in sensor for self-lighting, through external photocell or from control keyboard

ULISSE COMPACT   ULISSE COMPACT IR

→ FOR ALL AVAILABLE VERSIONS: CHART 7

ULISSE COMPACT AVAILABLE BUILT-IN CAMERAS							
	SONY day/night 36x		SONY day/night 28x High sensitivity		SONY day/night 18x		SONY day/night 10x High sensitivity
	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC
Optical zoom	36x		28x		18x		10x	
Wide Dynamic Range (Fix/Auto)	•		-		•		-	
True progressive scan	•		-		•		-	
High horizontal resolution	Up to 550 TV Lines		Up to 550 TV Lines		Up to 550 TV Lines		Up to 530 TV Lines	
Day/Night (Auto ICR)	•							
Image sensor	1/4" EXView HAD CCD		1/4" Super HAD CCD II		1/4" EXview HAD CCD		1/3" Super HAD CCD II	
Min. night Illumination (ICR ON) (typical)	0.01 Lux / 1/3s	0.01 Lux / 1/4s	0.0015 Lux / 1/3s	0.0015 Lux / 1/4s	0.01 Lux / 1/3s	0.01 Lux / 1/4s	0.0004 Lux / 1/3s	0.0004 Lux / 1/4s
Min. day Illumination (ICR OFF) (typical)	0.1 Lux / 1/3s	0.1 Lux / 1/4s	0.16 Lux / 1/3s	0.16 Lux / 1/4s	0.04 Lux / 1/3s	0.04 Lux / 1/4s	0.015 Lux / 1/3s	0.015 Lux / 1/4s
Privacy Zone Masking	On/Off (24 positions)							

SONY is a registered trademark of SONY Corporation, Japan. EXview HAD is a registered trademark of SONY Corporation.

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INTEGRATED POSITIONING UNITS

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ULISSE COMPACT THERMAL

UNIT WITH THERMAL CAMERA AND DAY/NIGHT CAMERA

- Integrated day/night camera and thermal camera
- Uncooled VOx microbolometer
- 35mm, 25mm or 9mm lens for thermal camera
- Dual independent video output
- Variable speed: 0.1°-200°/s Pan and 0.1°-200°/s Tilt
- Horizontal continuous rotation
- Vertical rotation -90°/+90°
- Preset accuracy: 0.05°
- 36x or 28x optical zoom for color camera
- Multiprotocol RS485/ RS422 serial interface
- Up to 250 presets
- I/O alarm card: 6 alarm inputs
- Wiper cleans both viewing windows

→ *FOR ALL AVAILABLE VERSIONS: CHART* ▭ **7**

ULISSE COMPACT + ALBERT

UNIT WITH BUILT-IN INTELLIGENT VIDEO ENCODER

- Intelligent Cooperation between connected units
- Distributed recording system
- Multiple streams, adaptive frame rate
- H264, full D1, 30 fps
- Resolution and frame rate adjustable
- Alarm inputs and relay outputs
- 32GB solid state Hard Disk
- Variable speed: 0.1°-200°/s Pan and 0.1°-200°/s Tilt
- Horizontal continuous rotation
- Vertical rotation -90°/+90°
- Preset accuracy: 0.05°
- 36x,28x,18x or w10x optical zoom
- Up to 250 presets

→ *FOR MAIN FEATURES OF THE SYSTEM: ALBERT* ▭ **52**

albert

intelligent video armonia.

ULISSE COMPACT IP

IP BASED PTZ POSITIONING UNIT

- Dual MPEG-4 stream, 25fps, Full D1
- Video SW Management in bundle/integrated web server
- Variable speed: 0.1°-200°/s Pan and 0.1°-200°/s Tilt
- Horizontal continuous rotation
- Vertical rotation -90°/+90°
- Up to 250 presets
- 36x, 28x,18x or 10x optical zoom
- Firmware remotely upgradable
- Supported by Milestone Xprotect® Suite
- IP version available in all ULISSE COMPACT models

→ *FOR ALL AVAILABLE VERSIONS: CHART* ▭ **7**

VIDEOTEC CCTV PRODUCTS

VIDEOTEC INTEGRATED POSITIONING UNITS

ULISSE COMPACT CONFIGURATION OPTIONS

Not all combinations are possible.

UC	Voltage	Camera	I/O alarm card	Options	A	Video output / VCA	00	A
	1 230Vac	**P** Day/Night camera 36x optical zoom lens, PAL	**S** Without I/O alarms	**S** Without accessories		**0** Analog control mode		
	2 24Vac	**Q** Day/Night camera 28x optical zoom lens, PAL	**V** With I/O alarms	**W** With wiper (I/O alarms card option needed)		**X** Integrated MPEG4 video server to controll all functions via IP		
	3 120Vac	**A** Day/Night camera 18x optical zoom lens, PAL		**Q** With IR LED 30° illuminator (I/O alarms card option needed)		**Y** Integrated ALBERT digital video encoder with VCA		
		B Day/Night camera 10x optical zoom lens, PAL		**R** With IR LED 10° illuminator (I/O alarms card option needed)				
		N Day/Night camera 36x optical zoom lens, NTSC		**U** With wiper and IR LED 30° illuminator (I/O alarms card option needed)				
		M Day/Night camera 28x optical zoom lens, NTSC		**T** With wiper and IR LED 10° illuminator (I/O alarms card option needed)				
		J Day/Night camera 18x optical zoom lens, NTSC						
		K Day/Night camera 10x optical zoom lens, NTSC						

ULISSE COMPACT THERMAL CONFIGURATION OPTIONS

Not all combinations are possible.

UCT	Voltage	Day/night camera	Thermal camera	Options	A	Video output	00	A
	1 230Vac	**S** Without day/night camera	**A** Thermal camera 35mm (7.5-9Hz) 320x256, PAL/NTSC	**W** With built-in wiper		**0** Analog control mode		
	2 24Vac	**P** Day/night camera 36x optical zoom lens, PAL	**B** Thermal camera 25mm (7.5-9Hz) 320x256, PAL/NTSC					
	3 120Vac	**Q** Day/night camera 28x optical zoom lens, PAL	**C** Thermal camera 9mm (7.5-9Hz) 320x256, PAL/NTSC					
		N Day/night camera 36x optical zoom lens, NTSC	**N** Thermal camera 35mm (25-30Hz) 320x256, PAL/NTSC					
		M Day/night camera 28x optical zoom lens, NTSC	**O** Thermal camera 25mm (25-30Hz) 320x256, PAL/NTSC					
			P Thermal camera 9mm (25-30Hz) 320x256, PAL/NTSC					

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ULISSE RANGE

	ULISSE	ULISSE NETWORK CAM	ULISSE THERMAL	ULISSE IR360	ULISSE PLUS	ULISSE MAXI
	Standard model for your choice of camera and lens combination	For network cameras	For thermal cameras	With bracket for two infrared-lamps, 360° continuous rotation	With larger housing	With extra large housing for almost any camera/lens combination
Variable Speed	Pan 0.02°÷100°/s Tilt 0.02°÷40°/s	Pan 0.02°÷100°/s Tilt 0.02°÷40°/s	Pan 0.02°÷100°/s Tilt 0.02°÷40°/s	Pan 0.02°÷40°/s Tilt 0.02°÷30°/s	Pan 0.02°÷100°/s Tilt 0.02°÷50°/s	Pan 0.02°÷20°/s Tilt 0.02°÷20°/s
Built-in Wiper	Optional	Optional	–	Optional	Optional	Yes
Integrated day/ night camera	Optional (36x zoom)	–	–	Optional (36x zoom)	–	–
For network camera	–	Yes (camera not included)	–	–	–	–
Infrared illuminator	–	Optional [1]	–	Yes [1]	Optional [1]	–
For Motorized zoom lenses	For compact-size zoom lenses	For compact-size zoom lenses	–	For compact-size zoom lenses	For medium-size zoom lenses	For large-size zoom lenses
Camera useful area	WxHxL: 80x89x330mm (3.1x3.5x13in)	WxHxL: 80x89x330mm (3.1x3.5x13in)	WxHxL: 80x89x330mm (3.1x3.5x13in)	WxHxL: 80x89x330mm (3.1x3.5x13in)	WxHxL: 100x115x330mm (3.5x4.5x13in)	WxHxL: 152x160x432mm (6x6.3x17in)
Absolute Positioning (Encoder)	Optional	Optional	Optional	–	Yes	Yes
IP video encoder	Optional	–	Optional	Optional	Optional	Optional
Preset Accuracy	0.02°	0.02°	0.02°	0.02°	0.02°	0.02°
Operating temperature	Min -20°C (-4°F) [2] Max +60°C (+140°F)	Min -20°C (-4°F) [2] Max +60°C (+140°F)	Min -20°C (-4°F) [2] Max +60°C (+140°F)	Min -20°C (-4°F) [2] Max +60°C (+140°F)	Min -20°C (-4°F) [2] Max +60°C (+140°F)	Min -10°C (+14°F) Max +60°C (+140°F)

[1] Only support: lamps not included.

[2] -30°C (-22°F) with optional cold pack.

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VIDEOTEC INTEGRATED POSITIONING UNITS

ULISSE
INTEGRATED POSITIONING UNIT

- Variable speed: 0.02°-100°/s Pan; 0.02°-40°/s Tilt
- Horizontal continuous rotation
- Vertical rotation +90° to -40°
- Integrated wiper option
- Autopan, Preset, Patrol
- Up to 250 Presets
- I/O alarm card: 6 alarm inputs
- RS232 interface for PC set-up and firmware upgrade
- Multiprotocol RS485/ RS422 serial interface
- Cold pack for low temperature down to -30°C (-22°F)
- Easy installation and replacement on-site

→ *FOR ALL AVAILABLE VERSIONS: CHART* 🗋 **13**

ULISSE IR360
UNIT PREARRANGED FOR IR ILLUMINATORS WITH CONTINUOUS ROTATION

- Prearranged for the mounting of two infrared LED illuminators for night surveillance (illuminators not included)
- Variable speed: 0.02°-40°/s Pan; 0.02°-30°/s Tilt
- Horizontal continuous rotation
- Vertical rotation +90° to -40°
- Available with built-in camera, 36x or 28x optical zoom option
- Available with wiper
- Autopan, Preset, Patrol
- Up to 250 Presets
- I/O alarm card: 6 alarm inputs
- Multiprotocol RS485/ RS422 serial interface
- Easy installation and replacement on-site

ULISSE IR360 + 2 IRBD

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ULISSE NETWORK CAM
UNIT FOR NETWORK CAMERAS

- Positioning unit for network cameras with RS232/RS485 integrated telemetry output
- Variable speed: 0.02°-100°/s Pan and 0.02°-40°/s Tilt
- Horizontal continuous rotation
- Available versions: with integrated wiper and IR LED illuminato
- Easy installation and replacement on-site

NEW

→ *FOR ALL AVAILABLE VERSIONS: CHART* 📄 **13**

ULISSE THERMAL
UNIT FOR THERMAL CAMERA

- Housing with Germanium glass suitable for thermal cameras
- Variable speed: 0.02°-100°/s Pan; 0.02°-40°/s Tilt
- Horizontal continuous rotation
- Vertical rotation +90° to -40°
- Autopan, Preset, Patrol
- Up to 250 Presets
- RS232 interface for PC set-up and firmware upgrade
- Multiprotocol RS485/ RS422 serial interface
- Easy installation and replacement on-site

ULISSE IR
UNIT PREARRANGED FOR IR ILLUMINATORS WITH LIMITED ROTATION

- Unit with bracket for two infrared LED illuminators for night surveillance (illuminators not included)
- Variable speed: 0.02°-40°/s Pan; 0.02°-30°/s Tilt
- ±160° horizontal rotation
- Available with wiper
- Electronic limit switches
- Autopan, Preset, Patrol
- Up to 250 Presets
- Multiprotocol RS485/ RS422 serial interface
- Easy installation and replacement on-site

-160°   +160°   0°

ULISSE IR + 2 IRBD

→ *FOR ALL AVAILABLE VERSIONS: CHART* 📄 **13**

VIDEOTEC CCTV PRODUCTS

VIDEOTEC

ULISSE IP

IP BASED PTZ POSITIONING UNIT

- Dual MPEG-4 stream, 25fps, Full D1
- Video SW Management in bundle/integrated web server
- Compatible with major video management SW available in the market
- Supported by Milestone XProtect® Suite
- IP version available in all ULISSE models
- Easy installation and replacement on-site
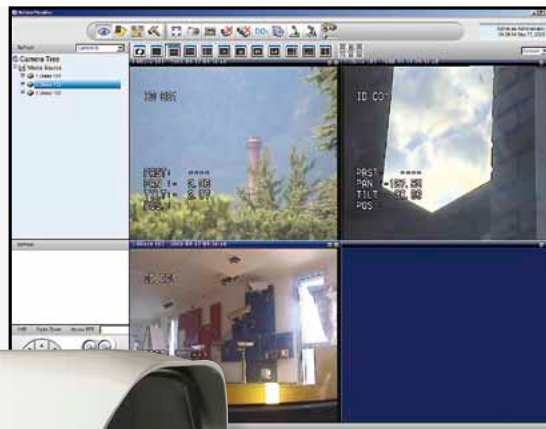
SCREEN EXAMPLE OF CONTROL SOFTWARE

→ *FOR ALL AVAILABLE VERSIONS: CHART* 🗋 **13**

ULISSE ENCODER

UNIT WITH BUILT IN OPTICAL CALIBRATION AND POSITION FEEDBACK

- Optical sensor for real time absolute position feedback
- Variable speed: 0.02°-100°/s Pan; 0.02°-40°/s Tilt
- Horizontal continuous rotation
- Vertical rotation +90° to -40°
- Integrated wiper option
- Autopan, Preset, Patrol
- Up to 250 Presets
- I/O alarm card: 6 alarm inputs
- RS232 interface for PC set-up and firmware upgrade
- Multiprotocol RS485/ RS422 serial interface
- Cold pack for low temperature down to -30°C (-22°F)
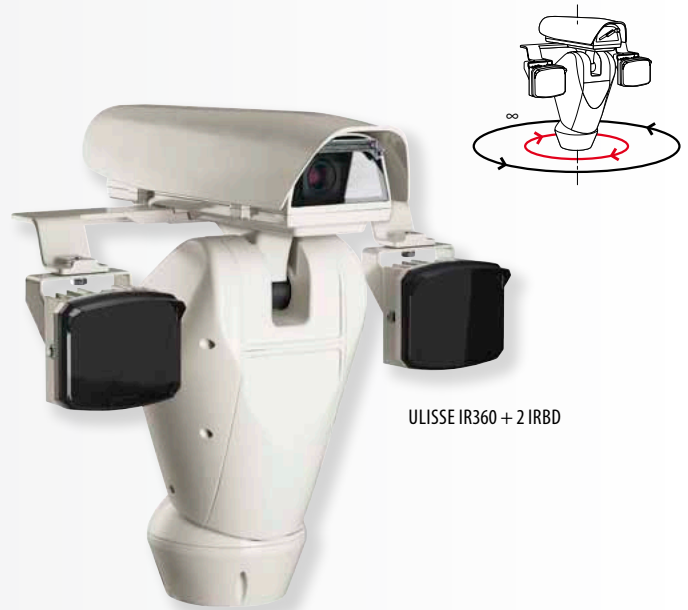- Easy installation and replacement on-site

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ULISSE PLUS
UNIT FOR MEDIUM-SIZED ZOOM LENSES

- Optical sensors for absolute positioning
- Variable speed: 0.02°-100°/s Pan and 0.02°-50°/s Tilt
- Horizontal continuous rotation
- Vertical rotation +90° to -40°
- Up to 250 Presets
- I/O alarm card: 6 alarm inputs
- Optional wiper
- Multiprotocol RS485/ RS422 serial interface

NEW

ULISSE MAXI
UNIT FOR LARGE-SIZED ZOOM LENSES

- Optical sensors for absolute positioning
- Variable speed: 0.1°-20°/s Pan and Tilt
- Horizontal continuous rotation
- Vertical rotation +45° to -20°
- Up to 250 Presets
- I/O alarm card: 6 alarm inputs
- Integrated wiper
- Multiprotocol RS485/ RS422 serial interface

VIDEOTEC CCTV PRODUCTS

VIDEOTEC

VIDEOTEC INTEGRATED POSITIONING UNITS

ULISSE CONFIGURATION OPTIONS

Not all combinations are possible.

UPT	Voltage	Camera	Housing	Options	A	Video output	00	E
	1 230Vac	**S** No camera	**V** Standard housing	**S** No accessories		**O** Analog mode		
	2 24Vac	**P** Camera zoom 36x, PAL	**M** Large housing (PLUS version)	**W** With wiper		**X** Integrated MPEG4 video server to control all functions via IP		
	3 120Vac	**Q** Camera zoom 28x, PAL	**L** Extra large housing (MAXI version)	**C** Sensors for absolute positioning		**Y** Suitable for Network cameras with integrated telemetry output		
		N Camera zoom 36x, NTSC		**D** Sensors for absolute positioning, wiper (only 24Vac)				
		M Camera zoom 28x, NTSC		**R** With bracket for IR LED illuminator, ±160° rotation				
				T With bracket for IR LED illuminator, ±160° rotation, wiper				
				Q With bracket for IR LED illuminator for continuous rotation (only 24Vac)				
				U With bracket for IR LED illuminator for continuous rotation, wiper (only 24Vac)				
				G With Germanium glass window for thermal cameras applications (wiper not available)				

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BRACKETS

UPTWBA
WALL BRACKET

- Aluminium construction
- Painted with epoxypolyester powder, RAL9002
- Designed to take internal cables

UPTWBTA
PARAPET BRACKET

- Aluminium construction
- Painted with epoxypolyester powder, RAL9002
- Designed to take internal cables

UCCMA
CEILING BRACKET MOUNT FOR UPSIDE DOWN WORKING OF ULISSE COMPACT

- Steel construction
- Safety cord in 316L stainless steel
- Designed to take internal cables

ULISSE COMPACT+UCCMA

ACCESSORIES

UPTWAS
WASHER PUMPS WITH RESERVOIR 5L (1.3GAL) / 23L (6GAL) FOR WIPER

- Reservoir capacity: 5l (1.3gal) or 23l (6gal)
- Versions with delivery up to 5m (16ft), 11m (36ft), 30m (98ft)
- Available in 230Vac, in 120Vac and in 24Vac
- IP56

UPTHT1 - UPTHT2
REINFORCED HEATER FOR LOW TEMPERATURE APPLICATIONS

- UPTHT1 for ULISSE versions with motorized lens down to -30°C (-22°F) Lenses with operating temperatures down to -20°C (-4°F)
- UPTHT2 for ULISSE versions with block camera. Operating temperature down to -30°C (-22°F)

UPTHT2

UPTHT1
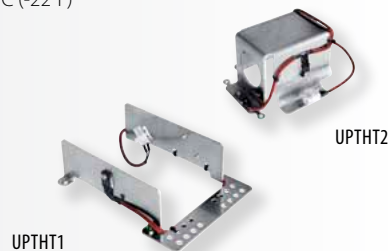
UPTIRPS
ULISSE EXTERNAL POWER SUPPLY AND CONTROL TO SYNCHRONIZE IR ILLUMINATORS WITH CAMERA DAY/NIGHT SWITCHING

- Available in 230Vac (UPTIRPS230) and in 120Vac (UPTIRPS120)
- In weatherproof box
- Suitable for ULISSE IR360, ULISSE NETWORK CAM IR360 and ULISSE PLUS IR360
- Night switch included

IRPSBD
EXTERNAL POWER SUPPLY AND CONTROL FOR IRBD ILLUMINATORS FOR ULISSE IR±160°

- Available in 24Vac (IRPSBD24); 120Vac (IRPSBD120) and 230Vac (IRPSBD230)
- In weatherproof box
- IP66

EXPLOSION-PROOF SYSTEMS

The explosion proof certified Videotec products has been designed to meet rigorous requirements for installations in hazardous areas, where flammable gases and powders may be present. Furthermore, the MAXIMUS line features a broad range of housings and PTZ integrated positioning units constructed from AISI316L stainless steel. The explosion-proof systems are recommended for installation in highly corrosive and with explosive risk environments, such as oil & gas refineries, petrochemical plants and marine areas.

MAXIMUS MHX

EXPLOSION-PROOF STAINLESS STEEL HOUSING

NEW

- Constructed from electropolished AISI 316L stainless steel
- 2 ¾" NPT threaded holes for use of cable glands or sealing fitting
- Supplied with heater
- Internal usable area (WxHxL): 80x88x245mm (3.1x3.5x9.6in)
- Certificates:
  - ATEX   Ex d IIC T6 (T_{amb} -40°C to +60°C) Gb
              Ex t IIIC T85°C (T_{amb} -40°C to +60°C) Db IP66/67
  - IECEx   Ex d IIC T6 (T_{amb} -40°C to +60°C) Gb
              Ex t IIIC T85°C (T_{amb} -40°C to +60°C) Db IP66/67

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470mm   141

your ⟨Ex⟩ *treme Defender.*

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MAXIMUS MPX
EXPLOSION PROOF STAINLESS STEEL PTZ POSITIONING SYSTEM

- Electropolished AISI 316L stainless steel explosion proof P&T head with integrated day/night camera and telemetry receiver
- Variable speed: 0.1°-100°/s Pan and Tilt
- Horizontal continuous rotation
- Vertical rotation -90°/+90°
- 36x or 28x optical zoom
- Multiprotocol RS485/RS422 serial interface
- Dynamic video masking of different areas
- Day/night (Auto ICR: automatic removal of IR filter)
- Zero backlash
- Preset accuracy: 0.05°
- Remote firmware upgrade
- Versions available with: built-in wiper, infrared LED illuminator, integrated fiber optic video/data transceiver, Ethernet media converter
- Certificates:
  - ATEX   Ex d IIC T6 (T$_{amb}$ -40°C to +60°C) Gb
           Ex t IIIC T85°C (T$_{amb}$ -40°C to +60°C) Db IP66/67
  - IECEx   Ex d IIC T6 (T$_{amb}$ -40°C to +60°C) Gb
            Ex t IIIC T85°C (T$_{amb}$ -40°C to +60°C) Db IP66/67

232mm   336   398

MAXIMUS MPXT THERMAL
EXPLOSION PROOF PTZ WITH THERMAL CAMERA AND DAY/NIGHT CAMERA

- Electropolished AISI 316L stainless steel explosion proof P&T head with integrated Thermal camera, day/night camera and telemetry receiver
- Variable speed: 0.1°-100°/s Pan and Tilt
- Horizontal continuous rotation
- Vertical rotation -90°/+90°
- Thermal cameras:
  - Uncooled VOx microbolometer
  - 35mm, 25mm, 9mm
  - Resolution 320x256
  - Image frequency: 8.3Hz or 25Hz
  - Independent video output
- Day/night Sony cameras:
  - Choice of optical zoom: 36x 1/4" EXView HAD CCD or 28x 1/4" Super HAD CCD II (high sensitivity with low light)
  - 550TV Lines
  - Dynamic video masking of different areas
- Multiprotocol RS485/ RS422 serial interface
- Zero backlash
- Preset accuracy: 0.2°
- Remote firmware upgrade
- Versions available with: wiper for day/night camera, integrated fiber optic video/data transceiver, Ethernet media converter
- Certificates:
  - ATEX   Ex d IIC T6 (T$_{amb}$ -40°C to +60°C) Gb
           Ex t IIIC T85°C (T$_{amb}$ -40°C to +60°C) Db IP66/67
  - IECEx   Ex d IIC T6 (T$_{amb}$ -40°C to +60°C) Gb
            Ex t IIIC T85°C (T$_{amb}$ -40°C to +60°C) Db IP66/67

232mm   452   398

VIDEOTEC EXPLOSION-PROOF SYSTEMS

$\langle Ex \rangle$

CONTINUOUS PAN ROTATION

TILT ROTATION: -90° TO +90°

INBUILT WIPER

VARIABLE SPEED: 0.1°- 100°/S PAN & TILT

VERSION WITH VIDEO OUTPUT IN FIBER OPTICS

FIRMWARE UPDATE FROM REMOTE

VERSION WITH INFRARED LED ILLUMINATOR

VERSION WITH DUAL OPTICAL/ THERMAL IMAGING

INBUILT DAY/NIGHT CAMERA OPTICAL ZOOM 36X OR 28X

DYNAMIC VIDEO MASKING OF DIFFERENT AREAS

DAY/NIGHT (AUTO ICR)

RS485/RS422 SERIAL INTERFACE FOR PC CONTROL

AVAILABLE VERSIONS

MPX

MPXT DUAL VISION (DAY/NIGHT + THERMAL)

MPX CAMERA + IR LED

INTEGRATED POSITIONING UNITS

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EXHC
EXPLOSION-PROOF HOUSINGS

- Solid anticorodal aluminium construction
- Powder painted RAL7032
- IP66
- 2 holes for cable glands 3/4" NPT
- Supplied with 24Vac or 230Vac heater, sunshield as an option
- Version available with reinforced (triple) heater 24Vac and special painting for temperature application down to -40°C (-40°F) (mod. EXHC003R)
- Internal usable area (WxHxL): 100x100x280mm (3.9x3.9x11in)
- Certificates:
  - IECEx Ex d IIC T6 Ex tD A21 IP66 T85°C
  - ATEX Ex II 2 GD Ex d IIC T6 tD A21 IP66 T85°C
  - GOST-R 1ExdIICT6 и DIP A21 T_A T6

EXHC003R

427mm   230   220
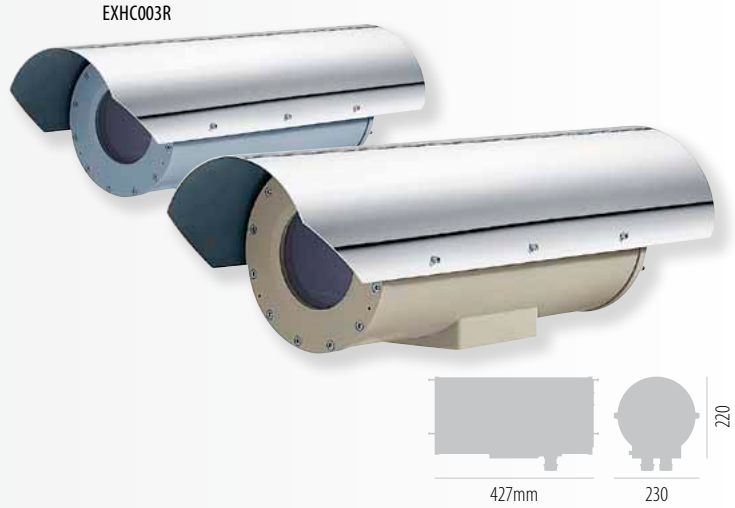
EXHD
EXPLOSION-PROOF HOUSINGS WITH GLASS PROTECTION DEVICE

- Same features of EXHC but equipped with a device for the protection of the glass installed on the front of the housing
- IP66
- The DC electric motor allows the winding of a Mylar film
- 350 steps of the film
- Supplied with heater. Sunshield and replacement film available as options
- Version available with reinforced (triple) heater 24Vac and special painting for temperature applications down to -40°C (-40°F) (mod. EXHD005R)
- Internal usable area (WxHxL): 100x100x280mm (3.9x3.9x11in)
- Certificates:
  - IECEx Ex d IIC T6 Ex tD A21 IP66 T85°C
  - ATEX Ex II 2 GD Ex d IIC T6 tD A21 IP66 T85°C
  - GOST-R 1ExdIICT6 и DIP A21 T_A T6

EXHD005R

573mm   250   250
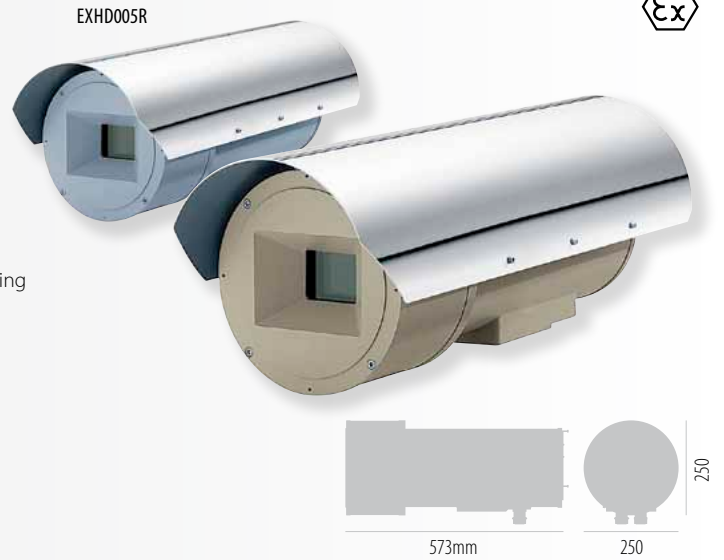
EXBJ – EXWBJ
BRACKET AND SWIVEL FOR EXH EXPLOSION-PROOF HOUSING

- Solid anticorodal aluminium construction
- Colour: RAL7032
- Maximum capacity, non-static: 35kg (77lb)
- Only swivel allows the application in different installations
- Version available with special painting for low temperature applications (EXWBJ00R)

EXWBJ00R

VIDEOTEC CCTV PRODUCTS

EXPTC

EXPLOSION-PROOF INTEGRATED PAN & TILTS WITH CAMERA HOUSING

- Horizontal range 360°, for fixed speed: 6°/s, vertical range -90° / +90° for fixed speed: 2.4°/s
- Integrated housing with the same specifications as the EXHC
- IP66
- A single pre-wired multi-core cable, 7,5m long, is included with the unit and comes out from the base of the P&T through a cable gland
- Supplied with housing heater and preset. Sunshield and autopan available as options
- Version available with reinforced housing heater (triple) 24Vac, P&T heater (double) 24Vac and special painting for temperature applications down to -40°C (-40°F) (mod. EXPTC033R)
- Internal usable area (WxHxL): 100x100x280mm (3.9x3.9x11in)
- Certificates:
  - IECEx Ex d IIC T6 Ex tD A21 IP66 T85°C
  - ATEX Ex II 2 GD Ex d IIC T6 tD A21 IP66 T85°C
  - GOST-R 1ExdIICT6 и DIP A21 T$_A$ T6

EXPTC033R

427mm   571   560

EXPTD

EXPLOSION PROOF PAN & TILTS WITH INTEGRATED CAMERA HOUSING EQUIPPED WITH GLASS PROTECTION DEVICE

- Horizontal range 360°, for fixed speed: 6°/s, vertical range -90° / +90° for fixed speed: 2.4°/s
- Housing with the same specifications as the EXHD
- IP66
- A single pre-wired multi-core cable, 7,5m long, is included with the unit and comes out of the base of the P&T through a cable gland
- Supplied with housing heater and preset. Housing sunshield, autopan and replacement film available as options
- Version available with reinforced (triple) housing 24Vac, (double) P&T heater 24Vac and special painting for low temperature applications down to -40°C (-40°F) (mod. EXPTD035R)
- Internal usable area (WxHxL): 100x100x280mm (3.9x3.9x11in)
- Certificates:
  - IECEx Ex d IIC T6 Ex tD A21 IP66 T85°C
  - ATEX Ex II 2 GD Ex d IIC T6 tD A21 IP66 T85°C
  - GOST-R 1ExdIICT6 и DIP A21 T$_A$ T6

EXPTD035R

573mm   581   580

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EXHC000G - EXPTC010G

EXPLOSION-PROOF HOUSING AND PAN & TILT FOR THERMAL CAMERAS

- Solid anticorodal aluminium construction
- Powder painted RAL7032
- Germanium window glass
- IP66
- Supplied with heater. Sunshield on option
- Internal usable area (WxHxL): 100x100x280mm (3.9x3.9x11in)
- Certificates:
  - ATEX Ex II 2 GD Ex d IIC T6 tD A21 IP66 T85°C
  - GOST-R 1ExdIICT6 и DIP A21 T$_A$ T6

EXPTC010G + EXPTS

427mm   230   220
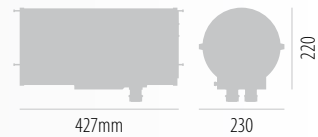
EXPTWB

BRACKET FOR EXPT EXPLOSION-PROOF PAN & TILT

- Solid anticorodal aluminium construction
- Colour: RAL7032
- Maximum capacity, non-static: 100kg (220lb)
- Available version with special painting for low temperature application (EXPTWB00R)

EXPTWB00R

EXDTRX3 - EXDTRX324

TELEMETRY RECEIVER FOR EXPTC AND EXPTD EXPLOSION PROOF PAN & TILT

- 230Vac or 24Vac power supply
- EXDTRX3 feeds the Pan & Tilt heater
- 17 functions, preset, glass protection device and alarm feature included
- IP66
- 4 holes for cable glands 3/4" NPT
- Keeps configuration even in case of power loss
- Up to 40 preset positions (MACRO protocol)
- 4 alarm inputs (prepositioning in case of alarm)
- Preset Autotest functions
- RS232, Current Loop, RS485 or over the Coax (with optional card DTCOAX) selectable communication
- Integrated protocol Pelco D
- Certificates:
  - ATEX Ex II 2 GD Ex d IIC T6 Ex tD A21 IP66 T85°C
  - GOST-R 1ExdIICT6 и DIP A21 T$_A$ T85°C

VIDEOTEC CCTV PRODUCTS

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GAS GROUP CLASSIFICATION

Temperature class (Maximum surface temperature of the housing) [1]

Class [2]	T1 450°C / 842° F	T2 300°C / 572° F	T3 200°C / 392° F	T4 135°C / 275° F	T5 100°C / 212° F	T6 85°C / 185° F
I	Methane					
IIA	Acetone Ethanol Ethyl acetate Ammonia Pure benzene Acetic acid Carbon monoxide Methanol Propane Toluene	N-Butane N-Butyl	Petrol Diesel fuel Avgas Heating oil N-Hexane	Acetaldehyde Ether		Ethyl nitrate
IIB		Ethylene				
IIC	Hydrogen	Acetylene			Carbon disulphide	

[1] *Normally it refers to the maximum ambient temperature of the installation. The lowest ignition temperature of the explosive atmosphere must be higher than the maximum surface temperature of the housing. The lower is the temperature class, the better it is.*

[2] *A higher temperature class automatically covers a lower one (T6 is better than T1). In addition; IIB also covers IIA; IIC also covers IIB and IIA.*

GOST-R - LABELLING AND PROTECTION TYPE

Gost-R (Certification NANIO CCVE)

Code	Description
1	Protection level
Ex d	Explosion-proof housing for potentially explosive environments
IIC	Gas group
T6	Gas temperature classification
и	
DIP A21	Dust ignition protection for zone types 21-22
$T_A T6$	Maximum surface temperature for dusts

IECEX - LABELLING AND PROTECTION TYPE

IECEx (TUV Nord Certification), Protocols IEC 60079-0:2000, IEC 60079-1:2001, IEC 61241-0:2004 IEC 61241-1:2004

Code	Description
Ex d	Explosion-proof housing for potentially explosive environments
IIC	Gas group
T6	Gas temperature classification
Ex tD A21	Dust ignition protection for zone types 21-22
IP66	IP protection degree
T85°C	Maximum surface temperature for dusts

ATEX - LABELLING AND PROTECTION TYPE

ATEX (TUV Nord Certification)
Directive 94/9/CE

Code	Description
II	Group (surface device, no mining)
2	Category (high protection degree, the device in this category can be installed in zones 1 and 21 and in zones 2 and 22)
GD	Atmosphere type (gases and dusts)
Ex d	Explosion-proof housing for potentially explosive environments
IIC	Gas group
T6	Gas temperature classification
tD A21	Dust ignition protection for zone types 21-22
IP66	IP protection degree
T85°C	Maximum surface temperature for dusts

EXHC003R + EXWBJ00R

STAINLESS STEEL SYSTEMS

The stainless steel housings and P&T's have been designed to protect the cameras from particularly aggressive environmental conditions. They are entirely constructed from AISI 316 stainless steel. In consideration of the extremely severe specifications, each detail has been carefully analysed, which obtains very reliable products, suitable for industrial uses. The selection offers a choice of models to work specifically with thermal imaging cameras, utilising Germanium glass and other high-quality substances, the glass becomes invisible to the thermal imaging cameras.

NXM

HOUSING FOR INSTALLATION IN AGGRESSIVE ENVIRONMENTS

- Entirely constructed from AISI 316 electropolished stainless steel
- Cylindrical body enclosed by two 9mm-thick circular flanges
- 2 PG13,5 cable glands nickel-plated brass for external connections
- IP66/IP68, submersible down to -50m (-130ft), equal to 5 BAR max pressure
- Accessories available: sunshield, heater kit and double power heater (for temperature down to -40°C (-40°F), camera power supply, air barrier + filtering group, wiper and washer
- Internal usable area (WxHxL): 88x86x334mm (3.5x3.4x13.1in)

460mm   182   164
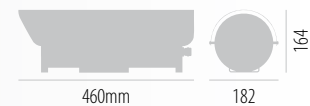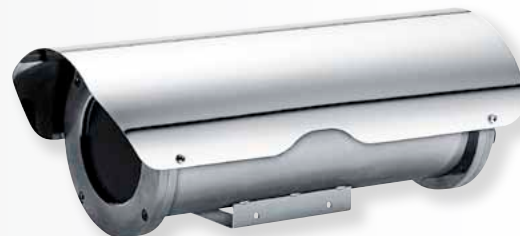
NTM

HOUSING FOR THERMAL CAMERAS IN AGGRESSIVE ENVIRONMENTS

- AISI 316 electropolished stainless steel construction
- For highly aggressive environments
- Germanium glass
- IP66/IP67
- Supplied with sunshield and heater. Optional: power supply, wiper and washer
- Internal usable area (WxHxL): 88x86x334mm (3.5x3.4x13.1in)

460mm   182   164
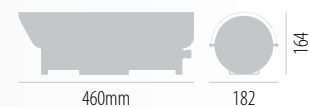
NXL

LARGE HOUSING FOR AGGRESSIVE ENVIRONMENTS

- Entirely constructed from AISI 316 electropolished stainless steel
- Cylindrical body enclosed by two circular flanges, 12mm (0.47in) thick the front flange and 9mm (0.35in) thick the back flange
- 4 PG13,5 cable glands nickel-plated brass for external connections
- IP66/IP67
- Accessories available: sunshield, heater kit, camera power supply, wiper and washer
- Internal usable area (WxHxL): 112x112x562mm (4.5x4.5x22.1in)

720mm   228   211

VIDEOTEC

VIDEOTEC STAINLESS STEEL SYSTEMS

NTL

LARGE HOUSING FOR THERMAL CAMERAS

- Germanium window glass
- Available with different window dimensions: Ø 55mm (2.1in), Ø 70mm (2.8in) and Ø 110mm (4.3in)
- AISI 316 electropolished stainless steel construction
- For highly aggressive environments
- IP66/IP67
- Accessories available: sunshield, heater kit, camera power supply, wiper and washer
- Internal usable area (WxHxL): 112x112x562mm (4.5x4.5x22.1in)

211
720mm   228

NXW

LIQUID-COOLED HOUSING

- Constructed from AISI 316 electropolished stainless steel
- Steel cylindrical chamber for internal circulation of cooling liquid linked to an external circuit
- IP66/IP67
- 2 PG13,5 cable glands nickel-plated brass for external connections
- Standard air barrier
- Available accessories: camera power supply, filter group, toughened glass max temp. 290°C (554°F), VICOR glass max 400°C (752°F) or IR proof glass max temp. 290°C (554°F)
- Internal usable area (WxHxL): 78x78x345mm (3.1x 3.1x13.6in)

164
375mm   154

NTW

LIQUID-COOLED HOUSING FOR THERMAL CAMERAS

- Zinc-Selenium glass for thermal cameras, wavelength 7.5 - 14µm (up to 200°C/500°F)
- Sapphire glass for shortwave thermal cameras, wavelength 0.75 – 4.5 µm (up to 400°C/752°F)
- AISI 316 electropolished stainless steel double chamber
- Designed to operate in high temperature environments
- Weatherproof standard IP66/IP67
- Internal usable area (WxHxL): 78x78x345mm (3.1x 3.1x13.6in)

164
375mm   154

NXJ

LARGE AISI 304 STAINLESS STEEL HOUSING

- Entirely constructed from AISI 304 stainless steel sheet
- Painted with epoxypolyester powder, RAL9002
- IP54
- Clasp opening system
- 2 PG16 cable glands for external connections
- Available accessories: standard sunshield and thermostat heater; optional blower, camera power supply, wiper and washer
- Internal usable area (WxHxL): 175x125x490mm (6.9x4.9x19.3in)

183
595mm   213

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VIDEOTEC STAINLESS STEEL SYSTEMS

NTL
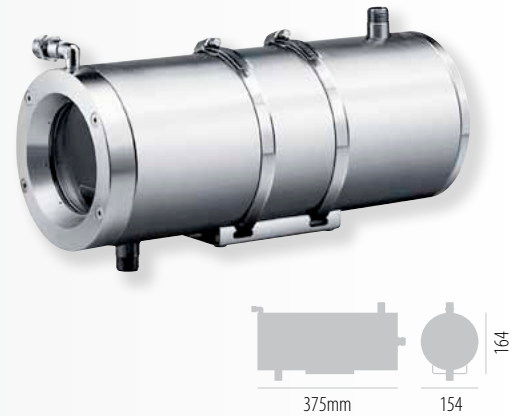### LARGE HOUSING FOR THERMAL CAMERAS

- Germanium window glass
- Available with different window dimensions: Ø 55mm (2.1in), Ø 70mm (2.8in) and Ø 110mm (4.3in)
- AISI 316 electropolished stainless steel construction
- For highly aggressive environments
- IP66/IP67
- Accessories available: sunshield, heater kit, camera power supply, wiper and washer
- Internal usable area (WxHxL): 112x112x562mm (4.5x4.5x22.1in)

720mm   228   211

NXW
LIQUID-COOLED HOUSING

- Constructed from AISI 316 electropolished stainless steel
- Steel cylindrical chamber for internal circulation of cooling liquid linked to an external circuit
- IP66/IP67
- 2 PG13,5 cable glands nickel-plated brass for external connections
- Standard air barrier
- Available accessories: camera power supply, filter group, toughened glass max temp. 290°C (554°F), VICOR glass max 400°C (752°F) or IR proof glass max temp. 290°C (554°F)
- Internal usable area (WxHxL): 78x78x345mm (3.1x 3.1x13.6in)

375mm   154   164

NTW
LIQUID-COOLED HOUSING FOR THERMAL CAMERAS

- Zinc-Selenium glass for thermal cameras, wavelength 7.5 - 14µm (up to 200°C/500°F)
- Sapphire glass for shortwave thermal cameras, wavelength 0.75 – 4.5 µm (up to 400°C/752°F)
- AISI 316 electropolished stainless steel double chamber
- Designed to operate in high temperature environments
- Weatherproof standard IP66/IP67
- Internal usable area (WxHxL): 78x78x345mm (3.1x 3.1x13.6in)

375mm   154   164

NXJ
LARGE AISI 304 STAINLESS STEEL HOUSING

- Entirely constructed from AISI 304 stainless steel sheet
- Painted with epoxypolyester powder, RAL9002
- IP54
- Clasp opening system
- 2 PG16 cable glands for external connections
- Available accessories: standard sunshield and thermostat heater; optional blower, camera power supply, wiper and washer
- Internal usable area (WxHxL): 175x125x490mm (6.9x4.9x19.3in)

595mm   213   183

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VIDEOTEC STAINLESS STEEL SYSTEMS

NXPTH
HEAVY DUTY PAN & TILT

- AISI 316 electropolished stainless steel
- IP66/IP67
- Max load 40kg balanced (88lb)
- Presets potentiometers
- 24Vac or 230Vac, 50/60Hz versions
- Horizontal fixed speed 5°/s, vertical fixed speed 3°/s
- Suitable for NXM, NXL, NXJ, NTM and NTL housings

BRACKETS

NXFWBT
STAINLESS STEEL PARAPET MOUNT FOR NXPTH

- Constructed from AISI 316 electropolished stainless steel
- 70kg (154lb) load rating
- Compatible with: NXWBPTH1 bracket

NXWBPTH1
WALL BRACKET FOR NXPTH

- AISI 316 electropolished stainless steel
- 70kg (154lb) load rating
- Compatible with NXCOL, NXCW and NXFWBT modular components

NXWBL
WALL BRACKET FOR NXL HOUSING

- AISI 316 electropolished stainless steel
- 70kg (154.3lb) load rating
- Available modular components: NXCOL and NXCW

NXWBS1
WALL BRACKET

- AISI 316 electropolished stainless steel
- 45kg (99lb) load rating
- Recommended for housings: NXM, NXW, NXJ
- Available modular components: NXCOL and NXCW

NXCOL
POLE MOUNT ADAPTER

- AISI 316 electropolished stainless steel
- Pole diameters 110÷150mm (4.3÷5.9in)
- Load rating: 50kg (110lb)

NXCW
CORNER MOUNT ADAPTER

- AISI 316 electropolished stainless steel
- Load rating: 50kg (110lb)

NXL + NXWBL

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ACCESSORIES

ONXAB2
AIR BARRIER

- Constructed from AISI 316 electropolished stainless steel
- Recommended air pressure: 1 BAR
- Optional on NXM and standard on NXW housings

NXFIGRU
AIR FILTERING GROUP

- To be combined with ONXAB2 air barrier to clean the air from oil and water particles, generally coming from the compressor
- Filtering of particles with diameter higher than 0.2 micron
- Operating pressure 0.3÷2.5 BAR

VIPNX
WIPER FOR HOUSING

- Constructed from AISI316 electropolished stainless steel
- IP66/IP67 enclosure
- Different voltages available, 230Vac or 24Vac, both 50/60Hz
- Connector 3+1 poles, easy wiring harness
- Easy installation on NXM, NXL and NXJ housing

VIPWAS - UPTWAS
WASHER AND RESERVOIR

- Glass washing kit available with 5l or 23l (1.3 or 6gal) reservoir
- The pump is available in 24Vac, 24Vdc and 230Vac (VIP- series), 24Vac, 230Vac and 120Vac (UPTWAS- series, prearranged for DTWRX board for the remote control).
- Versions with delivery up to 5m (16ft), 11m (36ft), 30m (98ft)
- Available for NXM, NXL, NXJ series housings

DTWRX
OPTIONAL BOARD

- For wiper and washer remote control, via RS485
- Compatible only with UPTWAS pumps series and UPTWASM

NXM + VIPNX + NXPTH + NXFWBT + NXWBPTH1

NXW + NXFIGRU + NXWBS1

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CAMERA HOUSINGS

The Videotec housings have been produced using extrusions and die-castings in highest quality aluminium and innovative tecnopolymer materials.
The care taken during their manufacture ensures maximum durability and reliability, further to an easy installation and service. The numerous available accessories, like heater, camera power supply, blower and air filter, wiper and washer can satisfy any installation requirement. The Hi-PoE housings have been developed to allow an easier installation of the IP and Megapixel cameras, using the High PoE (Power over Ethernet).

PUNTO

SIDE OPENING TECHNOPOLYMER HOUSING

NEW

- IP66/IP67
- Arranged for cable management bracket
- Suitable for a variety of combinations of cameras and lenses
- Integrated heater
- Available accessories: sunshield and camera power supply
- Internal usable area (WxHxL): 70x70x250mm (2.7x2.7x9.8in)

PUNTO + SUNSHIELD

PUNTO + WBOVA2 BRACKET

PUNTO + WBOVA2 BRACKET + SUNSHIELD

391mm   146   101

be Safe and Save.

VIDEOTEC CCTV PRODUCTS

VIDEOTEC CAMERA HOUSINGS

HOV
SIDE OPENING ALUMINIUM HOUSING

- IP66/IP67 (with cable glands or optional sealing rings)
- Arranged for cable management bracket
- Version available with a very efficient cooling system for installation with IP cameras and for high environmental temperature
- Available accessories: sunshield, heater, camera power supply, fan-assisted heater, blower and air filter, alarm tamper kit, integrated wiper and washer pump
- Internal usable area (WxHxL): 100x70X250mm (3.9x2.7X9.8in)

131
514mm   176

HOV Hi-PoE
ALUMINIUM HOUSING FOR IP AND MEGAPIXEL CAMERAS (POWER OVER ETHERNET)

- HiPoE to power heater & network camera
- Integrated HiPoE splitter 24W, 12Vdc
- Standard cable cat. 5e
- Compatible with IEEE 802.3at/PoE Plus
- Gigabit ready
- Arranged for cable management bracket
- Special cable gland for a fast Ethernet connection/ disconnection without cutting the RJ45 connector
- Indoor / Outdoor installations
- Side opening, easy camera servicing
- Weatherproof standard IP66/IP67 (with cable glands or with optional sealing rings)
- Version with reinforced cooling system
- Internal usable area (WxHxL): 100x70x250mm (3.9x2.7x9.8in)

131
514mm   176

HOV HI-POE, VERSO HI-POE:
SPECIAL CABLE GLAND FOR A FAST ETHERNET CONNECTION/DISCONNECTION
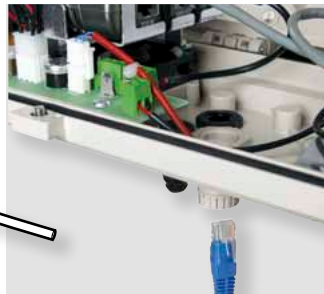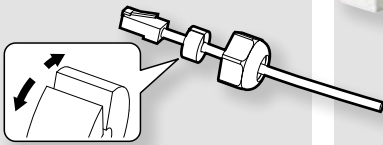
HTV
ALUMINIUM HOUSING FOR THERMAL CAMERAS

- Body constructed from aluminium and sunshield of ABS material
- Side opening, easy camera servicing
- Germanium window glass
- IP66/IP67
- Available accessories: sunshield, heater, camera power supply, alarm tamper kit
- Internal usable area (WxHxL): 100x70x250mm (3.9x2.7x9.8in)

131
514mm   176

INTEGRATED POSITIONING UNITS | EXPLOSION-PROOF SYSTEMS | STAINLESS STEEL SYSTEMS | CAMERA HOUSINGS | DOME ENCLOSURES | VANDAL RESISTANT HOUSINGS | IR ILLUMINATORS | P&T MOTORS AND TELEMETRY | CAMERA BRACKETS | DIGITAL VIDEO SYSTEMS | CONTROL KEYBOARDS | VIDEO SWITCHING AND DISTRIBUTION | VIDEO TRANSMISSION

VERSO
SIDE OPENING POLYCARBONATE HOUSING

VERSION WITH COOLING SYSTEM

- IP66/IP67 (with cable glands or optional sealing rings)
- Vandalproof protection (IK10)
- Arranged for cable management bracket
- Version available with a very efficient cooling system for installation with IP cameras and for high environmental temperature
- Available accessories: sunshield, heater, camera power supply, fan-assisted heater, blower and air filter, alarm tamper kit
- Internal usable area (WxHxL): 70x70x270mm (2.7x2.7x10.6in)

466mm   156   113

VERSO Hi-PoE
HOUSING FOR IP AND MEGAPIXEL CAMERAS (POWER OVER ETHERNET)

- HiPoE to power heater & network camera
- Integrated HiPoE splitter 24W, 12Vdc
- Standard cable cat. 5e
- Compatible with IEEE 802.3at/PoE Plus
- Gigabit ready
- Arranged for cable management bracket
- Special cable gland for a fast Ethernet connection/ disconnection without cutting the RJ45 connector
- Indoor / Outdoor installations
- Side opening system, easy access to the camera
- Weatherproof standard IP66/IP67 (with cable glands or with optional sealing rings)
- Version with reinforced cooling system
- Internal usable area (WxHxL): 70x70x230mm (2.7x2.7x9.0in)

466mm   156   113

VERSO POLAR
HOUSING FOR EXTREMELY LOW TEMPERATURE

- Hi-performance working down to -55°C (-67°F)
- IP66/IP67 (with cable glands or optional sealing rings)
- 3 nickel-plated brass cable glands with standard bracket
- Available accessories: sunshield, camera power supply
- Internal usable area (WxHxL): 70x70x270mm (2.7x2.7x10.6in)

466mm   156   113

VIDEOTEC CCTV PRODUCTS

Side navigation: INTEGRATED POSITIONING UNITS | EXPLOSION-PROOF SYSTEMS | STAINLESS STEEL SYSTEMS | CAMERA HOUSINGS | DOME ENCLOSURES | VANDAL RESISTANT HOUSINGS | IR ILLUMINATORS | P&T MOTORS AND TELEMETRY | CAMERA BRACKETS | DIGITAL VIDEO SYSTEMS | CONTROL KEYBOARDS | VIDEO SWITCHING AND DISTRIBUTION | VIDEO TRANSMISSION

VERSO COMPACT

## SIDE OPENING POLYCARBONATE COMPACT HOUSING

- IP66/IP67 (with cable glands or optional sealing rings)
- Vandalproof protection (IK10)
- Arranged for cable management bracket
- Available accessories: sunshield, heater, camera power supply, fan-assisted heater
- Internal usable area (WxHxL): 63x63x210mm (2.5x2.5x8.3in)

106

400mm   135

HGV

EXTRA LARGE-SIZED HOUSING

- Base constructed from aluminium and top part of the body in robust ABS material
- IP66/IP67
- Extra-large dimensions to fit the largest motorized zoom lenses
- Removable top body with safety cord
- Equipped as standard with sunshield, camera power supply, reinforced triple heater with two continuous duty fans, wiper
- Washer pump as option
- Internal usable area (WxHxL):
  - (A) 200x169x519mm (7.9x6.7x20.4in)
  - (B) 156x139x519mm (6.1x5.5x20.4in)

A   B   B
                      A
736   278   256
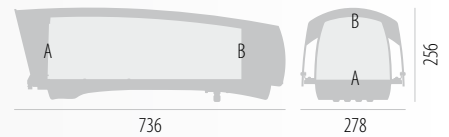
HGV TESTED LENSES		
	Code	Zoom
FUJINON	C22x17B-S41	22x
FUJINON	D60x12.5	60x
COMPUTAR	H30Z1015 series	-
TOKINA	TM55Z1038 series	55x
ERNITEC	Q10Z25SPNA	25x
ERNITEC	Q30Z25SPNA	25x
PENTAX	H15Z/TS15Z	15x
PENTAX	H18Z	18x
PENTAX	H20Z/TS20Z	20x
PENTAX	H55Z	55X

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Sidebar navigation (vertical tabs):

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## VIDEOTEC CAMERA HOUSINGS

HEG
LARGE-SIZED HOUSING

- Constructed from aluminium
- IP66/IP67
- Slide extractable body
- Version available with 3+1 and 6+1 poles connectors and 1 BNC complete of prewired cable for video input (instead of regular cable glands), Mod. 036
- Available version with a very efficient cooling system for installation with IP camera and for high environmental temperature
- Available accessories: sunshield, heater, camera power supply, blower and air filter, wiper and washer, double (down to -40°C, -40°F) or triple reinforced heater (down to -50°C, -58°F)
- Internal usable area with heater (WxHxL): 134x88X273mm (5.1x3.5X10.7in) (HEG37); 134x88X363mm (5.1x3.5X14.3in) (HEG47)

493/590mm   175   168
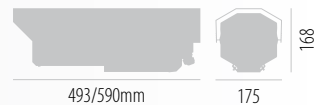
HTG
LARGE HOUSING FOR THERMAL CAMERA

- Constructed from aluminium and epoxy powder painted
- Solid and reliable
- IP66/IP67
- Germanium window glass
- Standard accessories: sunshield and heater.
- Optional accessories: power supply, wiper and washer
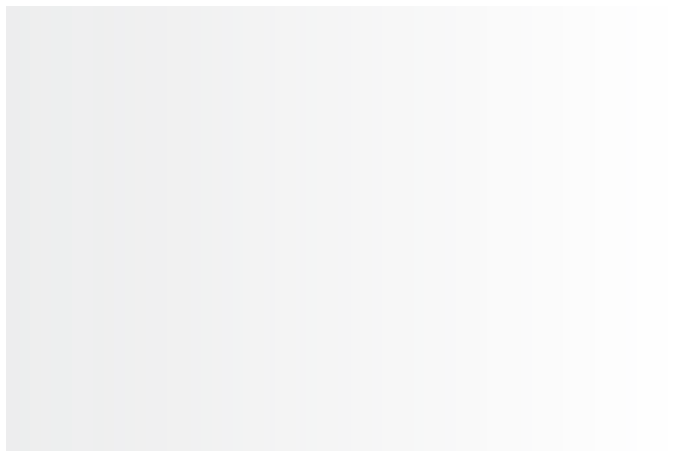- Internal usable area (WxHxL): 134x88x273mm (5.1x3.5x10.7in)

493/590mm   175   168
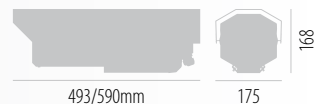
HEB
WEATHERPROOF CAMERA HOUSING

- IP66/IP67, installed with cable glands or with optional sealing rings
- Slide extractable body with hinged system
- Arranged for cable management bracket
- Available accessories: sunshield, heater, fan-assisted heater, camera power supply, blower and air filter
- Internal usable area with heater (WxHxL): 90x85X190mm (3.5x3.3X7.5in) (HEB26); 90x85X250mm (3.5x3.3X9.5in) (HEB32)

HEG: VERSION WITH COOLING SYSTEM

VIDEOTEC CCTV PRODUCTS

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HEA
MIDDLE-DIMENSIONS WEATHERPROOF HOUSING

- Constructed from aluminium
- IP66/IP67
- Slide extractable body with hinged system
- Available accessories: sunshield, heater, camera power supply
- Internal usable area with heater (WxHxL): 84x70x180mm (3.3x2.7X7.1in) (HEA26); 84x70x220mm (3.3x2.7X8.7in) (HEA30)

117

377/420mm   146
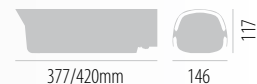
HEK
ALUMINIUM AND THERMOPLASTIC HOUSING

- IP66/IP67 (with cable glands or optional sealing rings)
- Slide extractable body with hinged system
- Arranged for cable management bracket
- Available accessories: sunshield, heater, fan-assisted heater, camera power supply, blower and air filter
- Internal usable area with heater (WxHxL): 82x62x190mm (3.2x2.4x7.5in) (HEK26); 82x62x235mm (3.2x2.4x9.3in) (HEK30)

109

403/443mm   124

HEM
MEDIUM WEATHERPROOF HOUSING FOR GENERAL PURPOSE

- Constructed from aluminium
- IP66/IP67
- Slide extractable body with hinged system
- Available accessories: sunshield, heater, fan-assisted heater, camera power supply, blower and air filter
- Internal usable area with heater (WxHxL): 70x65x180mm (2.7x2.5x7.1in) (HEM26); 70x65x230mm (2.7x2.5x9.1in) (HEM30)

104

370/410mm   113

HET
HOUSING FOR SMALL CAMERAS

- Constructed from aluminium
- IP66/IP67
- Slide extractable body with hinged system
- WBCAA bracket included
- Available accessories: sunshield, heater, junction box with camera power supply
- Internal usable area (WxH): 62x55mm (2.4x2.2in); usable length with heater 95mm (3.7in)

HET + WBCAA

95

195/255/315/395mm   93

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HOUSING ACCESSORIES

SUNSHIELD

Protection against solar rays and the increase of the housing's internal temperature. Highly recommended for outdoor installations.

HEATER

Circuit made up of a thermostatically controlled 20W or 40W heating element PTC Ton ≤ 15°C (59°F); Toff ≥ 22°C (71°F). It is available in 12Vdc/24Vac voltage or 115/230Vac voltage.

CAMERA POWER SUPPLY

Camera feeding circuit, which can be installed inside the housing, available in different versions: 115/230Vac input and 24Vac/12Vdc output.

ALARM TAMPER SWITCH

The alarm contact allows notification in the case of someone tampering with the housing.

WASHER AND RESERVOIR (VIPWAS AND UPTWAS SERIES)

- Glass washing kit available with 5l or 23l (1.3 or 6gal) reservoir
- The pump is available in 24Vac, 24Vdc and 230Vac (VIP- series), 24Vac, 230Vac and 120Vac (UPTWAS- series, prearranged for DTWRX board for the remote control).
- Versions with delivery up to 5m (16ft), 11m (36ft), 30m (98ft)

FAN ASSISTED HEATER

The fan allows for forced air circulation and homogeneous temperature inside the housing. Available for VERSO, VERSO COMPACT and HOV housings.

REINFORCED HEATING

Circuit made up of a thermostatically controlled double PTC or triple fan-assisted PTC for installations where external temperatures are very rigorous. Operating temperatures: down to -40°C (-40°F), for the double heater, down to -50°C (-58°F), for the triple fan-assisted heater. For HEG housing.

BLOWER

Blowing circuit with a thermostatically controlled cooling blower (Ton ≥ 35°C, 95°F; Toff ≤ 20°C, 68°F) and air filter. It is available in 12Vdc, 24Vac and 230Vac versions, pre-installed in the housing or as optional kit.

SEALING RINGS FOR CABLE MANAGEMENT BRACKET

To be used with cable management brackets for IP66/IP67 weatherproof protection.

WIPER FOR HEG

Wiper kit including the support for the washing pump injector. Available in 24Vac and 230Vac versions.

VIDEOTEC CCTV PRODUCTS

VIDEOTEC CAMERA HOUSINGS

WIPER AND WASHER CONTROL (DTWRX)

Optional board for wiper and washer remote control of stand-alone housings, via RS485. Compatible only with UPTWAS pumps series. For HEG, HGV, HTG and HOV housings.

WEATHERPROOF JUNCTION BOX (OHEGBB)

External junction box, weatherproof standard IP55, allowing the housing of wiring harnesses or auxiliary cards.

HOUSINGS AND ACCESSORIES FEATURES

	PUNTO	HOV HTV	VERSO	VERSO COMPACT	HGV	HEG HTG	HEB	HEA	HEK	HEM	HET
Useful internal area WxH (mm / in)	70x70 / 2.7x2.7	100x70 / 3.9x2.7	70x70 / 2.7x2.7	63x63 / 2.5x2.5	(A) 200x169 / 7.9x6.7 (B) 156x139 / 6.1x5.5	140x90 / 5.5x3.5	90x85 / 3.5x3.3	84x70 / 3.3x2.7	82x62 / 3.2x2.4	70x65 / 2.7x2.6	62x55 / 2.4x2.2
Useful length (mm / in)	250 / 9.8	250 / 9.8	270 / 10.6	210 / 8.3	519 / 20.4	365 / 14.4 450 / 17.7	260 / 10.2 320 / 12.6	260 / 10.2 300 / 11.8	260 / 10.2 320 / 12.6	260 / 10.2 300 / 11.8	160 / 6.3
IP rating	IP66 / IP67	IP66 / IP67 [1]	IP66 / IP67 [1]	IP66 / IP67 [1]	IP66 / IP67 [1]	IP66 / IP67	IP66 / IP67 [1]	IP66 / IP67	IP66 / IP67 [1]	IP66 / IP67	IP66 / IP67
Cable glands	2xM16	3xM16	3xM16	2xM16	4xM16	3xM16	3xM16	2xM16	3xM16	2xM16	1xPG9 1xPG11
Accessories											
Sunshield	•	•	•	•	•	•	•	•	•	•	•
Heater 20W, 12Vdc/24Vac	•	•	•	•		•	•	•	•	•	•
Heater 40W, 115/230Vac	•	•	•	•		•	•	•	•	•	•
Blower 12Vdc		•				•	•		•	•	
Blower 24Vac		•	•			•	•		•	•	
Blower 230Vac		•	•			•	•				
Internal camera power supply 12Vdc OUT	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max [2]	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	230Vac IN 400mA max	100÷240Vac IN, 1A max	230Vac IN 400mA max	
Internal camera power supply 24Vac OUT	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max		230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	
Weatherproof junction box	•	•	•	•		•	•	•	•	•	•
Camera power supply 12Vdc OUT in weatherproof junction box	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max		100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max	100÷240Vac IN, 1A max
Camera power supply 24Vac OUT in weatherproof junction box	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max		230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max	230Vac IN, 400mA max
Double heating 80W, 115/230Vac						•					
Triple fan assisted heater 80W, 24Vac					•						
Triple fan assisted heater 120W, 115/230Vac					•	•					
Triple fan assisted heater 150W, 115/230Vac					•	•					
Wiper 24Vac		• [2]			• [2]	• [3]					
Wiper 230Vac		• [2]			• [2]	• [3]					
Washer pump with tank 24Vac		•			•	• [3]					
Washer pump with tank 230Vac		•			•	• [3]					
Fan assisted heater 12Vdc		•	•	•							
Fan assisted heater 24Vac		•	•	•					•		
Fan assisted heater 230Vac		•	•	•							
Wiper/Washer control		•				• [3]					
Tamper switch		•	•								

[1] + Cable glands.

[2] Built-in (only HOV).

[3] Only for HEG.

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WBJA
WALL BRACKET
- Fully adjustable swivel head
- Constructed from aluminium
- 25kg (55lb) load rating
- For large-medium housings

WBMA
WALL BRACKET
- Fully adjustable swivel head
- Constructed from aluminium
- 25kg (55lb) load rating
- For medium-small housings

WB0VA2
WALL BRACKET
- Internal cable channel
- Fully adjustable swivel head
- Constructed from aluminium
- 25kg (55lb) load rating

WB0V3A2
WALL BRACKET
- Internal cable channel
- Fully adjustable swivel head
- Constructed from aluminium
- 25kg (55lb) load rating
- Support plate and weatherproof junction box for wiring directly in the box

WBLA
WALL BRACKET FOR HGV
- Constructed from anticorodal aluminium alloy
- 70kg (154lb) load rating

WCM3A
CEILING MOUNT
- Fully adjustable swivel head
- Constructed from aluminium
- 15kg (33lb) load rating

WCM4A2
CEILING MOUNT
- Internal cable channel
- Constructed from curved aluminium tube
- 15kg (33lb) load rating
- 500mm (19in) linear extension available with WCMPA

WCM5A
CEILING MOUNT
- With integrated sturdy joint
- Constructed from curved aluminium
- 15kg (33lb) load rating
- 500mm (19in) linear extension available with WCMPA

WCMPA
LINEAR EXTENSION FOR WCM4A2 AND WCM5A
- Constructed from aluminium tube
- It allows a 500mm (19in) extension

WFWCA
COLUMN/PARAPET MOUNT
- With integrated joint
- Constructed from aluminium
- 15kg (33lb) load rating
- Available extension through WFWBTA (see P&T brackets)

34 VIDEOTEC CCTV PRODUCTS — Specifications subject to change without notice. © 2011, Videotec S.p.A. All rights reserved.

HOUSING ADAPTERS

WSFPA
POLE MOUNT
- Pole diameters 65÷110mm (2.5÷4.3in)
- Constructed from aluminium
- For WBJA, WBMA and WBOVA2 brackets
- 30kg (66lb) load rating

DBHWGC
POLE MOUNT
- Pole diameters 210÷225mm (8.3÷8.6in)
- Constructed from steel
- 25Kg (55lb) load rating
- Mount with WCPA adaptor

WCWA
CORNER ADAPTER
- Constructed from steel
- For WBJA, WBMA and WBOVA2 brackets
- 30kg (66lb) load rating

WCPA
REINFORCING SUPPORT PLATE FOR POOR CONSISTENCY WALLS
- Constructed from aluminium
- For WBJA, WBMA and WBOVA2 brackets
- Available with a supporting box with internal cable channel

HOUSINGS/BRACKETS COMPATIBILITY

	Wall					Ceiling			Column	Wall Ceiling
Bracket	WBLA	WBJA	WBMA	WBOVA2	WBOV3A2	WCM3A	WCM4A2	WCM5A	WFWCA	WBCAA
Length (mm / in)	457 / 18.0	285 / 11.2	226 / 8.8	201 / 8.0	238 / 9.4	300 / 11.8	412 / 16.2	412 / 16.2	185 / 7.2	170 / 6.6
PUNTO		•		•	•	•	•	•	•	
HOV		•		•	•	•	•	•	•	
HTV		•		•	•	•	•	•	•	
VERSO COMPACT		•	•	•	•	•	•	•	•	
VERSO		•		•	•	•	•	•	•	
HGV	•									
HEG		•						•	•	
HTG		•						•	•	
HEB		•	•	•	•	•	•	•	•	
HEA			•			•		•	•	
HEK			•	•	•	•	•	•	•	
HEM			•			•		•	•	
HET			•			•		•	•	•

ADAPTERS

	Brackets for housings		
	WBJA	WBMA	WBOVA2
Pole mount adaptor			
WSFPA	•	•	•
DBHWGC [1]	•	•	•
Corner adaptor			
WCWA	•	•	•
Support plate adaptor			
WCPA	•	•	•

[1] To use with adaptor WCPA.

HOV+ WBOVA2

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DOME ENCLOSURES

Videotec's discreet surveillance dome housings are for indoor and outdoor installation. Their special design allows them to mimic normal illumination systems. These housings are easy to install and can house from cameras with fixed focus to most of the high speed domes and network PTZ cameras that are available in the market today. Thay are particularly suitable for airports, supermarkets, shopping centres. A wide range of accessories for mounting the equipment is available thereby satisfying all installation needs.

MEDUSA

UNIVERSAL DOME HOUSING FOR DISCREET SURVEILLANCE

- Patented top-opening system
- Aluminium construction with bubble in acrylic
- Indoor/outdoor installation
- Universal internal adapter suitable for the most popular speed domes and network PTZ cameras on the market, like: AXIS, PANASONIC, SONY, JVC, CANON, ACTi, GRANDEYE, COMPRO TECHNOLOGIES, etc
- Special adapter for cameras SONY SNC-RH124P, SNC-RX-530, SNC-RX-550, SNC-RX-570, SNC-RS44P, SNC-RS46P
- Camera power supply included
- Version with cooling device
- Protection rating IP66 (not for cooled version)
- Wall, ceiling or parapet application with cable management brackets
- Optional bubble in polycarbonate for vandal protection
- Transparent or smoked bubble
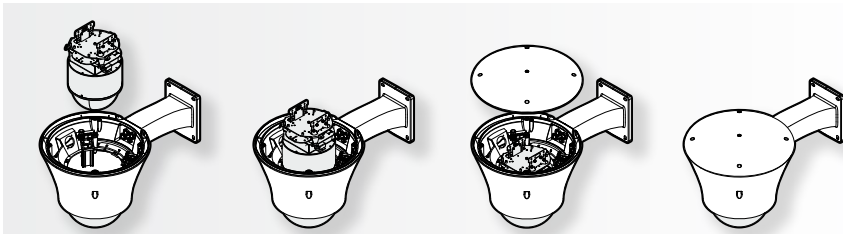- Accessories: fan-assisted heater and reinforced heater for low temperatures

MEDUSA + DBH06

335

ø 351mm
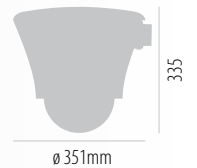
FAN-ASSISTED VERSION WITH DOUBLE FILTER FOR AIR EXCHANGE

MEDUSA + DBH07 + DBH08

EASY INSTALLING IN 4 STEPS

VIDEOTEC CCTV PRODUCTS

VIDEOTEC DOME ENCLOSURES

MEDUSA SELECTION GUIDE TO ADAPTERS

Cameras voltage	Main power supply		
	24Vac	**100-240Vac**	**230Vac**
12Vdc	ODBH18H210, ODBH18V210	ODBH18H110, ODBH18V110, ODBH18H114, ODBH18V114	-
24Vac	ODBH18H211, ODBH18V211, ODBH18H214, ODBH18V214	-	ODBH18H111, ODBH18V111
24Vdc	-	ODBH18H112, ODBH18V112	-
230Vac	-	ODBH18H110, ODBH18V110	-

MEDUSA TESTED CAMERAS

	Models	ODBH18H110 ODBH18V110	ODBH18H210 ODBH18V210	ODBH18H111 ODBH18V111	ODBH18H211 ODBH18V211	ODBH18H112 ODBH18V112	ODBH18H114 ODBH18H214 ODBH18V114 ODBH18V214
ACTi	ACM-8511	•	•				
	CAM-6510			•	•		
AXIS	213	•	•				
	214	•	•				
	215	•	•				
	231, 232			•	•		
	233D				•	•	
CANON	VB-C50i	•	•	•	•		
	VB-C300	•	•				
COMPRO TECHNOLOGIES	IP540	•	•				
	IP570	•	•				
GRANDEYE	HALOCAM IPC	•					•
JVC	TK-C685			•	•		
	TK-C685E			•	•		
	TK-C686			•	•		
	TK-C686E			•	•		
	VN-V685U			•	•		
	VN-V686U			•	•		
PANASONIC	BB-HCM381	•	•				
	WV-NS202	•	•				
	WV-NS950	•					
	WV-CS950	•					
	WV-CS954			•	•		
SONY	SNC-RZ25P	•	•	•	•		
	SNC-RZ30	•	•				
	SNC-RZ50P	•	•				
	SNC-RX-530						•
	SNC-RX-550						•
	SNC-RX-570						•
	SNC-RH-124P						•
	SNC-RS-44P						•
	SNC-RS-46P						•

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MEDUSA BRACKETS AND ADAPTERS

DBH06
WALL BRACKET FOR MEDUSA DOME
- Constructed from aluminium
- Painted with epoxy-polyester powder, RAL 9002
- Designed to take internal cables

DBH07
CEILING/PARAPET BRACKET FOR MEDUSA DOME
- Constructed from aluminium
- Painted with epoxy-polyester powder, RAL 9002
- Designed to take internal cables

DBH08
LINEAR EXTENSION FOR DBH07
- Constructed from aluminium
- Painted with epoxy-polyester powder, RAL 9002

DBH09
ROTATING PLATE FOR DBH07
- Constructed from aluminium and stainless steel

PTCC1
POLE MOUNT
- Constructed from aluminium
- Pole diameters 80÷150mm (3.1÷5.9in)
- Suitable for DBH06
- 50kg (110lb) load rating

WCWGC
CORNER MOUNT ADAPTER
- Constructed from steel with stainless steel fixing screws
- Suitable for DBH06
- 50kg (110lb) load rating

DBHWGC
POLE MOUNT
- Pole diameters 210÷225mm (8.3÷8.6in)
- Constructed from steel
- Suitable for DBH06
- 25Kg (55lb) load rating

MEDUSA +DBH06 + DBHWGC

VIDEOTEC CCTV PRODUCTS

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VIDEOTEC DOME ENCLOSURES

DBH24K
DOME HOUSING FOR DISCREET SURVEILLANCE

- Plastic construction with acrylic bubble
- IP65
- Adapters for most of the high speed domes and PTZ network cameras available on the market (check the available adapters in the related chart)
- Wall, ceiling or parapet application with cable management brackets
- Accessories: standard white sunshield and transparent or smoked lower glass
- Optional accessories: fan assisted thermostat heater, camera power supply

DBH24K + DBH04

325

ø 326mm

DBH24K + PANASONIC CAMERA + DBH04 BRACKET

DBH24K ADAPTERS

	Models	Adapter	Heater 230Vac	Heater 24Vac	Heater 12Vdc
FIXED CAMERA		ODBH24H000			
		ODBH24H100	•		
		ODBH24H200		•	
AMERICAN DYNAMICS	ULTRA 8	ODBH24H221		•	
AXIS	213	ODBH24H144	•		
	213	ODBH24H244		•	
	214	ODBH24H151	•		
	231, 232	ODBH24H149	•		
	231, 232	ODBH24H249B		•	
CANON	VB-C50iR	ODBH24H144	•		
	VB-C50iR	ODBH24H244		•	
PANASONIC	WV-CS570, WV-CS320, VW-CS850, NS320	ODBH24H121	•		
	WV-CS570, WV-CS320, VW-CS850, NS320	ODBH24H221		•	
	WV-CS950	ODBH24H149	•		
	BB-HCM580	ODBH24H150	•		
	NS-202	ODBH24H154	•		
SONY	SNC-RZ30P, EVI-D70P/W	ODBH24H142	•		
	SNC-RZ30P, EVI-D70P/W	ODBH24H242		•	
	SNC-RZ25P, SNC-RZ50P	ODBH24H248B		•	
TOSHIBA	IK-WB21A, IK-WB21E	ODBH24H152	•		
	IK-WB21A, IK-WB21E	ODBH24H252		•	

BRACKETS AND ADAPTERS

DBH04
WALL BRACKET FOR DBH24 DOME
- Made from aluminium tube
- Painted with black epoxy-polyester powder paint
- Designed to take internal cables

DBH05
PARAPET BRACKET FOR DBH24 DOME
- Made from aluminium tube
- Painted with black epoxy-polyester powder paint
- Designed to take internal cables

DBH04
WALL BRACKET FOR DBH24 DOME
- Made from aluminium tube
- Painted with black epoxy-polyester powder paint
- Designed to take internal cables

DPTCH1
POLE MOUNT ADAPTER
- Constructed from aluminium
- Pole diameters 80÷150mm (3.1÷5.9in)
- Suitable for DBH04
- 50Kg (110lb) load rating

DBHWGC
POLE MOUNT
- Pole diameters 210÷225mm (8.3÷8.6in)
- Constructed from steel
- Suitable for DBH04
- 25Kg (55lb) load rating

DCWGH
CORNER MOUNT ADAPTER
- Constructed from steel
- Suitable for DBH04
- 50Kg (110lb) load rating

DSBH24
CEILING HALF-SPHERE DOME
- Black aluminium base and bubble in acrylic
- Diameter 240mm (9.4in)
- Directly fixed to the ceiling or false ceilings

180
ø 270mm
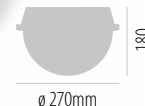
DSBH120
HALF SPHERE DOME FOR FALSE CEILING
- Diameter 120mm (4.7in)
- For false ceiling installations
- Available in transparent or smoked glass
- Adjustable camera mounting bracket

71
ø 186mm

VANDAL RESISTANT HOUSINGS

Particular attention has been paid to the design and construction of these products, as their characteristics are for use in high security situations. The vandal resistant housings have been manufactured in painted steel using epoxypolyester powder. The care taken during production of the housings ensures maximum durability and reliability.

AVBPH

ARMOURED LARGE HOUSING

- Produced in extremely thick aluminium, with front and rear bottom constructed from 30mm (1.1in) aluminium
- 3mm (0.1in) steel armour side plating
- Impact resistance IK10 according to EN 62262
- IP54
- 18mm (0.7in) bullet-proof glass on vandal resistant metallic structure
- Standard accessories sunshield and heater; optional blower and camera power supply
- Internal usable area (WxHxL): 122x100x380mm (4.8x3.9x14.9in)

560mm   176   161

AVTPSC

### COMPACT VANDAL RESISTANT CEILING HOUSING FOR INDOOR INSTALLATION

- Constructed from steel 1,5mm (0.6in) thick
- Vandal resistant acrylic glass 4mm (0.15in)
- Impact resistance IK08 according to EN 62262
- Compass opening by means of a lock (lock with universal key)
- Without external screws
- Possibility of external connections by means of 2 M20 cable glands or directly from the ceiling
- Accessories available: thermostated heater and camera power supply

355mm   155   178
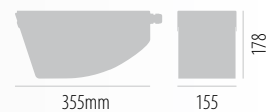
AVTPSK

VANDAL RESISTANT CEILING HOUSING FOR INDOOR INSTALLATION

- Constructed from steel 2,5mm (0.1in) thick
- Vandal resistant glass 4mm (0.15in) in polycarbonate
- Impact resistance IK10 according to EN 62262
- Compass opening by means of a lock (two versions available, lock with individual or with universal key)
- Without external screws
- Possibility of external connections by means of 3 M20 glands or directly from the ceiling
- Accessories available: thermostated heater, camera power supply and alarm tamper switch
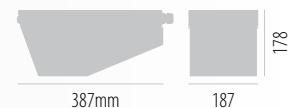
387mm   187   178

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BRACKETS AND ACCESSORIES

AVBPWBB
WALL BRACKET WITH INTERNAL CABLE CHANNEL AND COUNTERPLATE

- Constructed from heavy gauge aluminium
- Wall bracket with cable channel with counterplate and external vandal resistant junction box (AVBPWB01B)

AVBPWB01B

HEATER

Circuit made up of a thermostatically controlled 20W or 40W heating element PTC Ton ≤ 15°C (59°F); Toff ≥ 22°C (71°F). It is available in 12Vdc/24Vac voltage or 115/230Vac voltage.

CAMERA POWER SUPPLY

Camera feeding circuit, which can be installed inside the housing, available in different versions: 115/230Vac input and 24Vac/12Vdc output.

ALARM TAMPER SWITCH

The alarm contact allows notification in the case of someone tampering with the housing.

AVBPH + AVBPWBB

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ILLUMINATORS FOR NIGHT SURVEILLANCE

The infrared illuminators are essential for night vision together with black/white cameras or colour cameras with a day/night function. The IR have been designed to increase the duration of the illuminators and to reduce the need for maintenance, thanks to the attention that has been paid on the heat dissipation. The IRBD series of LED infrared illuminators offers the latest intelligent technology, long life and low power consumption offering best performance in night vision surveillance.

IRBD
INFRARED LED ILLUMINATORS

- Robust aluminium construction anodised white, with black acrylic front fascia
- IP67
- 18 high efficiency LED array with current limited integral power circuit
- Beam patterns: 10°, 30°, 60°
- Infrared beam wavelength: 850nm

IRBD BEAM PATTERNS AND ACHIEVABLE DISTANCE			
Model	Beam patterns	Wavelength	Distance (m / ft) [1]
IR10BD	10°	850nm	220 / 722
IR30BD	30°	850nm	110 / 361
IR60BD	60°	850nm	70 / 230

[1] *Achievable distance with CCD ½" B/W high sensitive cameras for night vision, ratio S/N greater than 20dB and minimum F1.4 lens aperture. The typical distance of the subject to illuminate is in function of the reflection coefficient of the illuminated scene.*

ULISSE IR360

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IR50, 230Vac
INDOOR/OUTDOOR INFRARED ILLUMINATOR

- Constructed from aluminium
- Painted black epoxy-polyester powder
- IP66
- 850nm infrared filter
- Power supply: 230Vac
- Consumption: 50W
- Lamp standard mounting

IR50, 12Vac
INDOOR/OUTDOOR INFRARED ILLUMINATOR

- Constructed from aluminium
- Painted with black epoxy-polyester powder
- IP66
- 850nm infrared filter
- Power supply: 12Vac/dc
- Consumption: 50W
- Lamp standard mounting

IR300, 230Vac
INDOOR/OUTDOOR INFRARED ILLUMINATOR

- Constructed from aluminium
- Painted black epoxy-polyester powder
- IP65
- 850nm infrared filter
- Power supply: 230Vac
- Consumption: 300W

IR50, IR300 INFRARED ILLUMINATORS FEATURES				
Model	Power supply (Vac)	Horizontal beam	Vertical beam	Distance (m / ft) [1]
IR50 spot	12	10°	10°	20 / 65.6
IR50 flood	12	40°	40°	16 / 52.4
IR50 wide	12	60°	60°	12 / 39.3
IR50 flood	230	40°	40°	16 / 52.4
IR300 spot	230	10°	8°	65 / 213.2
IR300 flood	230	23°	10°	50 / 164
IR300 wide	230	40°	20°	35 / 114.8

[1] *The typical distance of the subject to illuminate is in function of the reflection coefficient of the illuminated scene.*

VIDEOTEC CCTV PRODUCTS

ACCESSORIES

IRBA
BRACKET FOR MOUNTING OF TWO INFRARED ILLUMINATORS IR50 ON HOUSINGS HEG

- Constructed from aluminium
- Painted with epoxy-polyester powder RAL9002

HEG + IRBA + 2 IR50

OIRCR
NIGHT SWITCH FOR INFRARED ILLUMINATORS

- Power supply: 230Vac, 50/60Hz
- Capacity: 2VA
- IP54

IRPSBD
POWER SUPPLY AND CONTROL FOR IRBD ILLUMINATORS FOR ULISSE ±160°

- Available in 24Vac (IRPSBD24); 120Vac (IRPSBD120) and 230Vac (IRPSBD230)
- In weatherproof box
- IP66

OSUPPIR
BRACKET FOR MOUNTING 1 IR50/IRBD INFRARED ILLUMINATOR ON THE VERSO, VERSO COMPACT, HOV AND HEG HOUSINGS

- Constructed from aluminium
- Painted with epoxy-polyester powder RAL9002

IRPS12
POWER SUPPLY FOR 12VAC ILLUMINATORS

- Power supply: 230Vac/12Vac, 75VA
- IP56

VERSO + OSUPPIR + IR50 + WBOVA2

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PAN & TILT MOTORS AND TELEMETRY

The Videotec pan and tilt motors have been designed and tested for use in the severest working conditions. Videotec controllers allow the control of P&T motors and motor-driven zoom lenses. The telemetry receivers range includes products with minimum features up to the most complete. The receivers allow the control of P&T and motorized zoom lenses up 1200m (3937ft) distance, by a twisted pair cable.

PTH300
OUTDOOR PAN & TILT MOTOR

- Loads up to 12kg (26lb)
- IP66
- Constructed from aluminium and painted with epoxypolyester powder
- Standard autopan function
- Optional preset
- Versions 24Vac and 230Vac, 50/60Hz
- Internally adjustable horizontal and vertical limit switches
- Horizontal fixed speed 6°/s, vertical fixed speed 3°/s

PTH355P
OUTDOOR VARIABLE SPEED PAN & TILT MOTOR

- Loads up to 12kg (26lb)
- IP66
- Constructed from aluminium and painted with epoxypolyester powder
- Controlled by the DTRXDC telemetry receiver
- Preset function
- Autopan function
- Internally adjustable horizontal and vertical limit switches
- DC motors: (0-24Vdc)
- Horizontal speed from 0 to 30°/s, vertical from 0 to 18°/s

PTH900
STURDY OUTDOOR PAN & TILT MOTOR

- Loads up to a 30kg (66lb)
- IP66
- Constructed from aluminium and painted with epoxypolyester powder
- Standard autopan
- Optional preset
- Versions 24Vac and 230Vac, 50/60Hz
- Internally adjustable horizontal and vertical limit switches
- Horizontal speed 6°/s, vertical speed 3°/s

VIDEOTEC PAN & TILT MOTORS AND TELEMETRY

IPT
INDOOR PAN & TILT MOTOR

- For loads up to 5kg (11lb)
- Sturdy aluminium structure, protected by a nylon shell
- Integrated Autopan function
- Wall mounting
- 24Vac and 230Vac versions
- Externally adjustable horizontal limit switches, vertical limit switches fixed at 90°
- Horizontal fixed speed 6°/s, vertical fixed speed 3°/s

CBZ
DESKTOP CONTROLLER FOR PAN & TILT AND ZOOM LENS

- Aluminium enclosure and polycarbonate membrane keyboard
- Direct connection and feeding to the Pan & Tilt motor
- Control of Autopan function
- Suitable for common ground or polarity inversion motor-driven zoom lenses, 6/12Vdc
- 24Vac and 230Vac, 50/60Hz versions

P&T BRACKETS AND ADAPTERS

PTAC
WALL MOUNT FOR PTH300 SERIES AND LIGHT DUTY P&T MOTORS

- Constructed from aluminium
- 35kg (77lb) load rating

PTBC
WALL BRACKET FOR PTH900 P&T MOTORS

- Constructed from aluminium
- 50kg (110lb) load rating

PTPC
TOP OF POLE ADAPTER PLATE FOR PTH900, PTH300 AND PTH355P P&T MOTORS

- Constructed from steel
- Pole diameter 80÷120mm (3.1÷4.7in)
- 50kg (110lb) load rating

WFWBTA
COLUMN BRACKET FOR PTH900, PTH300 AND PTH355P P&T MOTORS

- Constructed from aluminium
- 50kg (110lb) load rating

P&T/BRACKETS COMPATIBILITY

P&T's	Wall		Top pole	Column
Bracket	PTAC	PTBC	PTPC	WFWBTA
Length (mm / in)	360 / 14.1	458 / 18.0		185 / 7.2
PTH300	•		•	•
PTH355P	•		•	•
PTH900		•	•	•

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P&T ADAPTERS

WSFPA
POLE MOUNT FOR PTAC BRACKET
- Constructed from aluminium
- Pole diameters 65÷110mm (2.5÷4.3in)

WCWA
CORNER ADAPTER FOR PTAC BRACKET
- Constructed from painted steel
- 30kg (66lb) load rating

WCPA
REINFORCING SUPPORT PLATE FOR POOR CONSISTENCY WALLS
- Constructed from aluminium
- For PTAC bracket
- Available with a supporting box with internal cable channel

PTCC1
POLE MOUNT ADAPTOR FOR PTBC BRACKET
- Constructed from aluminium
- 50kg (110lb) load rating
- Pole diameters 80÷150mm (3.1÷5.9in)

WCWGC
CORNER ADAPTER FOR PTBC BRACKET
- Constructed from painted steel
- 50kg (110lb) load rating

ADAPTERS		
	Brackets for P&T's	
	PTBC	**PTAC**
Pole mount adaptor		
WSFPA		•
PTCC1	•	
Corner adaptor		
WCWA		•
WCWGC	•	
Support plate adaptor		
WCPA		•

TELEMETRY

DTRX3
DATA TELEMETRY RECEIVER, 17 FUNCTIONS
- 11 standard functions for the control of P & T motors and zoom lenses, 6 functions for auxiliary services telemetry data (2x dry contacts, 1x 12Vdc, 1x 24Vac, wiper and washer)
- Maintenance of configuration even in case of power loss
- Up to 40 presets
- 4 alarm inputs, (preset in case of alarm)
- Preset Autotest functions
- Selection of the Pan & Tilt power supply (24Vac or 230Vac) and camera (12Vdc or 24Vac)
- RS232, Current Loop, RS485 or over the Coax (with optional card DTCOAX and with matrix SM42A - SM82A and SM84B-164B) selectable communication
- Pelco protocol
- Available version 24Vac (DTRX324)
- Operating temperature: -20°C + 50°C (-4°F up to 122°F)

VIDEOTEC CCTV PRODUCTS

DTMRX2

DATA TELEMETRY RECEIVER, 12 FUNCTIONS

- 11 standard functions for the control of Pan & Tilt motors and zoom lenses, 1 function for the control of one auxiliary service (dry contact)
- Aux can be used for wiper operation
- RS232, RS485 and over Coax (through SM42A - SM82A and SM84B-164B matrix) selectable communication
- Pelco protocol
- Available version 24Vac (DTMRX224)
- Operating temperature: -20°C + 50°C (-4°F up to 122°F)
- RS232, RS485 repeater for daisy chain configuration

DTRXDC

TELEMETRY DATA RECEIVER, 13 FUNCTIONS

- For remote control of variable speed Pan & Tilt motor PTH355P and zoom lenses
- 13 functions (auxiliary functions 2xdry contacts)
- 14 presets
- Up to 7 selectable speeds for autopan
- RS232 and RS485 selectable communication

DTCOAX

OVER THE COAX BOARD FOR DTRX3 RECEIVER

- Easy installation on DTRX3 receiver
- Over the coax data receiving through SM42A - SM82A and SM84B-164B
- Max distance from matrix: 350m (1100ft)

MICRODEC485

TELEMETRY DATA MINI RECEIVER, 8 FUNCTIONS

- 8 functions (Pan, Tilt, Zoom and Focus)
- Possibility to mount inside HEG, HEB camera housings
- Control of a 24Vac Pan & Tilt motor and of zoom/focus functions of a 12Vdc polarity inversion zoom lens
- RS485 serial communication
- Max 32 addressable receivers
- Power supply: 24Vac, 50/60Hz

DTWRX

TELEMETRY RECEIVER FOR WIPER AND WASHER REMOTE CONTROL OF STAND-ALONE HOUSINGS

- Control of wiper and water pump of UPTWAS- series
- RS485 communication
- Remote controllable up to 1200m (3937ft) from the control keyboard
- Easy installation on UPTWAS

DCRE485

SERIAL DATA DISTRIBUTOR

- 1 input, 8 serial outputs in RS485
- Serial data back on eight outputs at the same time
- Max connection distance 1200m (3937ft)

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CAMERA BRACKETS

Easy to install, the Videotec camera brackets meet different requirements, both for ceiling and wall installations and have been designed to be combined with all cameras.

WBCAA
WALL AND CEILING MOUNT
- Constructed from aluminium
- 5kg (11lb) load rating
- Recommended for small housings (HET)

WBCLA
WALL AND CEILING MOUNT
- Constructed from tecnopolymer material
- 3kg (6.6lb) load rating
- Length: 170mm (6.6in)
- Adjustment and fixing by only one bolt

WBCV
SERIES OF WALL/CEILING BRACKETS
- Constructed from aluminium with a nylon base
- Available lengths: 80, 140, 190mm (3.1, 5.5, 7.4in)
- 50mm (1.9in) optional extension (WBCP5A)
- Adjustment and locking by manually adjustable ring

WBCD
SERIES OF WALL/CEILING BRACKETS
- Constructed from aluminium with swivel and nylon base
- Available lengths: 80, 140, 190mm (3.1, 5.5, 7.4in)
- 50mm (1.9in) optional extension (WBCP5A)
- Joint adjustment by a single bolt

LXBKC1
WALL AND CEILING MOUNT
- Constructed from fiberglass reinforced nylon
- Length: 100mm (3.9in)
- Black colour
- Adjustable swivel joint

LXBKC3
LONG EXTENSIBLE CEILING BRACKET
- Constructed from steel and fiberglass reinforced nylon
- Extensible length: from 750mm to 900mm (from 29.5in to 39.3in)
- Black colour
- Adjustable swivel joint

LXBKC2
WALL AND CEILING EXTENSIBLE MOUNT
- Constructed from fiberglass reinforced nylon
- Extensible length: from 125mm to 190mm (from 4.9in to 7.5in)
- Black colour
- Adjustable swivel joint

VIDEOTEC CCTV PRODUCTS

albert

intelligent video armonia.

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TRANSMISSION

DIGITAL VIDEO SYSTEMS

ALBERT is a distributed intelligence system that is based on the cooperation among units combined with a cutting edge movement analysis system. ALBERT is ideal for outdoor perimeter surveillance systems and all applications where it may be necessary to achieve simultaneous monitoring of a number of events, where operators are required to check a large number of cameras. The ALBERT system is supported by Milestone Xprotect® Suite.

ALBERT

ENCODER FOR VIDEO CONTENT ANALYSIS AND SMART SYSTEM MANAGEMENT

- Advanced Event Detector
- Cooperation between ALBERTs units
- Distributed recording system
- Self-adaptive algorithms
- Drag'n'drop set-up
- PTZ and ULISSE systems control
- Supported by Milestone Xprotect® Suite
- Multiple streams, adaptive frame rate
- H264, full D1, 30 fps
- Resolution and frame rate adjustable
- Two-way audio
- Alarm inputs and relay outputs
- Integration with third party software
- SD Secure Digital Slot
- Hard Disk H.264 recording (optional)
- Accessory: USB-RS485 converter for PC connection of control keyboards DCJ and DCT

SOFTWARE IN ACTION SHOWING VIEWS AND EVENT LOG BAR

PRESET SETTINGS. ASSOCIATION OF CAMERAS TO AREAS OF INTEREST WITH EASY DRAG AND DROP

VIDEOTEC CCTV PRODUCTS

albert
intelligent video armonia.
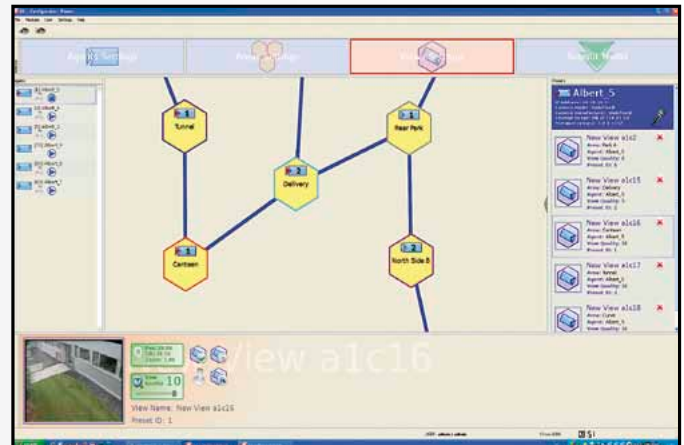
artificial intelligence *optimization*
video content analysis
cooperation *event detection*
edge

INTEGRATED
POSITIONING UNITS

EXPLOSION-PROOF
SYSTEMS

STAINLESS STEEL
SYSTEMS

CAMERA
HOUSINGS

DOME
ENCLOSURES

VANDAL RESISTANT
HOUSINGS

IR
ILLUMINATORS

P&T MOTORS
AND TELEMETRY

CAMERA
BRACKETS

DIGITAL
VIDEO SYSTEMS

CONTROL
KEYBOARDS

VIDEO SWITCHING
AND DISTRIBUTION

VIDEO
TRANSMISSION
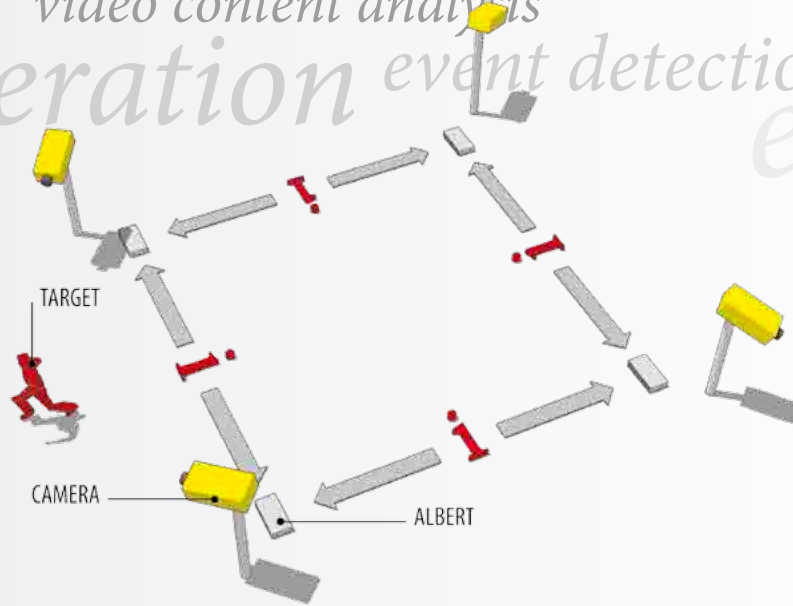
KEY FEATURES

■ **ASSISTED NAVIGATION**

Proposes alternative live views of the event, to provide more perspectives and a better view.
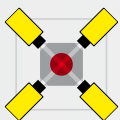
■ **FOCUS ON THE ALARMED AREA**

When a unit detects an event it will send a priority message to the other units. At this point, all the available units will swiftly focus their cameras on the alarmed area.
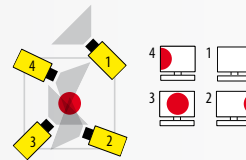
■ **AUTOMATIC RECORDING**

The adjacent cameras will automatically record a number of films of the same event, providing alternative images from a variety of perspectives.
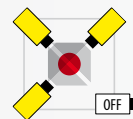
■ **REDUNDANT SYSTEM**

If any unit is tampered with, the adjacent cameras will cover the area of the redundant unit until it has been repaired.
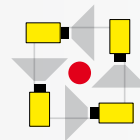
■ **INTELLIGENT PATROLLING**

The units cooperate to achieve optimal cover of the areas, reducing the superimposing of cameras during patrolling.

CAMERA   ● TARGET (AREA EVENT)   STREAMING VIDEO

EVENT DETECTION

▪ **NO FALSE ALARM IN CASE OF:**

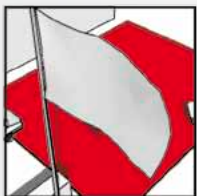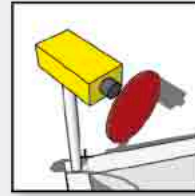MOVEMENT OF LEAVES

SHADOW VARIATIONS

LIGHT / WEATHER VARIATIONS
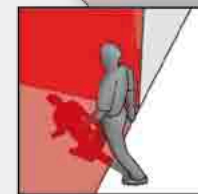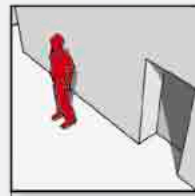

FLOATING OBJECT MOVEMENTS

VCA RULES

▪ **IN ADDITION TO THE SELF-ADAPTING DETECTION OF EVENTS, THE USER CAN ESTABLISH A SERIES OF RULES, SUCH AS:**

CAMERA TAMPERING

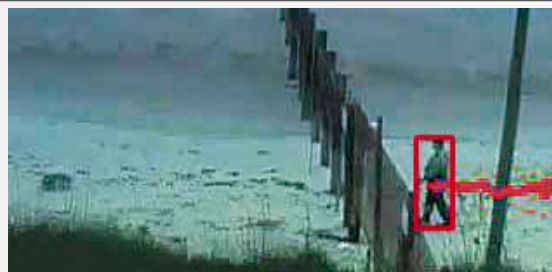PROLONGUED PRESENCE INSIDE AN AREA

VIRTUAL FENCE

EVENT DETECTION: SCREENSHOT SAMPLES


NIGHT-VISION PARKING: FORBIDDEN AREA / INTRUSION.

THE NATURAL WATER MOTION IS CONSIDERED NORMAL, AND IT DOES NOT GIVE ANY FALSE ALARM.

TRAFFIC ROAD: TRIPWIRE.

Side tabs: INTEGRATED POSITIONING UNITS · EXPLOSION-PROOF SYSTEMS · STAINLESS STEEL SYSTEMS · CAMERA HOUSINGS · DOME ENCLOSURES · VANDAL RESISTANT HOUSINGS · IR ILLUMINATORS · P&T MOTORS AND TELEMETRY · CAMERA BRACKETS · DIGITAL VIDEO SYSTEMS · CONTROL KEYBOARDS · VIDEO SWITCHING AND DISTRIBUTION · VIDEO TRANSMISSION

albert

intelligent video armonia.
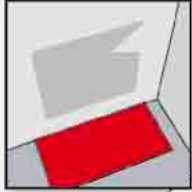
OBJECT REMOVAL

OBJECT REMOVAL
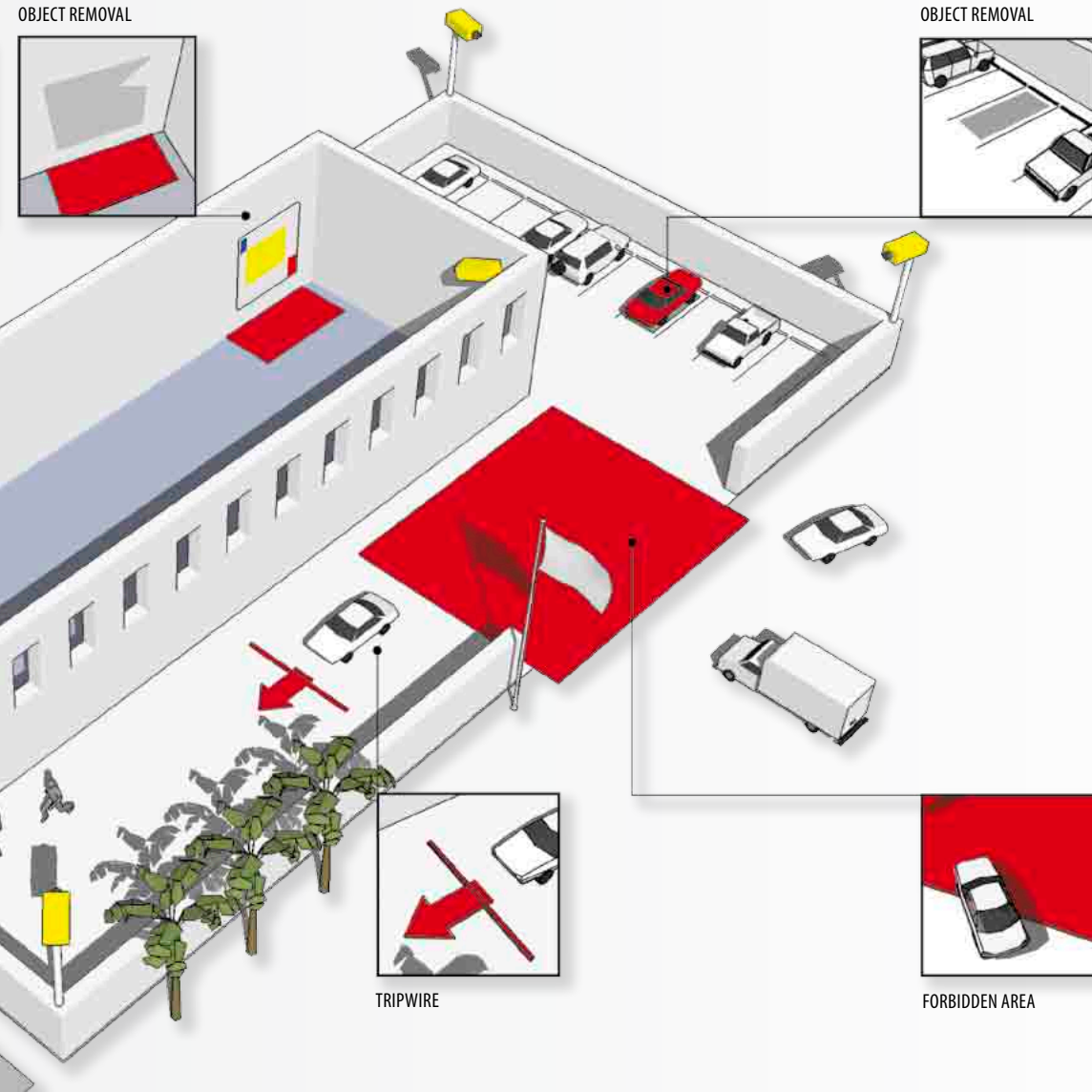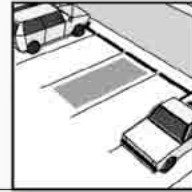
TRIPWIRE

FORBIDDEN AREA

SEARCH FOR "VIDEOTEC ALBERT" ON You Tube
Broadcast Yourself™

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Sidebar (vertical tabs):
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CONTROL KEYBOARDS

The range of control keyboards is designed to offer the best solution for small to large systems. Constructed from shock and thermo resistant materials, with rubber keys, the range offers the right keyboard for the right application. The range allows the possibility to control a wide range of switching devices and the most common high speed domes, in an ergonomic and pleasant design. Distance between devices up to 1200m (3937ft) and serial communications in RS485.

DCZ

UNIVERSAL KEYBOARD FOR MANAGING APPLICATIONS ON THE PC

- USB keyboard for managing CCTV applications, with joystick and jog shuttle
- Easy to install and use
- Tested with following software types of software to control the Network PTZ and Domes, including the ULISSE IP models, using their controller interface:
  - Exacq Vision
  - Ganz-VsoIP
  - Genetec Omnicast 4.2
  - Milestone XProtect®
  - Mirasys-DVMS
  - Seetec ProBox
  - Sony-Real Shot Manager
  - Luxriot DVR
- Functions determined by the controlled application
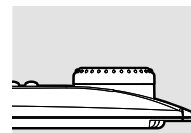- For right- and left-handed operators
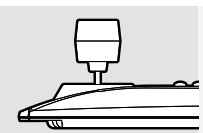
A MOUSE IS NOT THE BEST OPTION FOR CONTROLLING A CAMERA:

▪ **GET A JOYSTICK!**
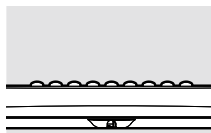
A PC KEYBOARD IS NOT THE BEST FOR TAKING CONTROL OF A VIDEO SYSTEM:
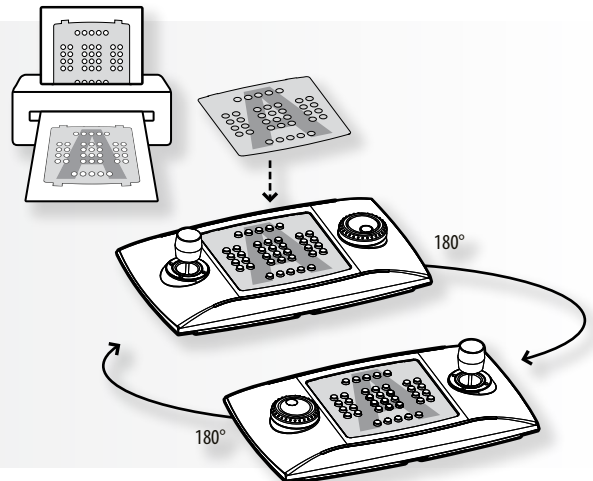
▪ **GET A DEDICATED KEYBOARD!**

WHAT ABOUT EASILY VIEWING RETRIEVED VIDEOS?

▪ **GET A JOG/SHUTTLE WHEEL!**

THE USER CAN EASILY PERSONALIZE AND PRINT SEVERAL PRE-CUT SHEETS SUPPLIED FOR THIS PURPOSE.

THE KEYBOARD CAN ALSO BE TURNED ROUND SO THAT BOTH RIGHT- AND LEFT-HANDED USERS CAN USE ALL THE FUNCTIONS WITH EASE.

180°
180°

VIDEOTEC CCTV PRODUCTS

VIDEOTEC CONTROL KEYBOARDS

DCT
VIDEO AND TELEMETRY TOUCH-SCREEN CONTROL KEYBOARD

- Graphic Display: 320x240 pixels, back-lit touch screen
- Control of all Videotec matrix
- Communications:
  - RS485 serial communication with video matrix and multiplexer
  - Two RS485 independent telemetry lines
  - RS232 serial communication with PC for software configuration upload and firmware update
- Possibility to customize up to 30 maps and customize 40 virtual keys (macrocommand) to any map
- 6 languages menu with expansion possibility up to 12
- Up to 9999 video channels, 999 telemetry receivers on each telemetry line and 99 monitors
- Configurable alarm or communication fault buzzer
- Direct control or through Videotec matrix series SM of third parties products
- More than 40 different protocols supported

Free device

The keyboard allows the control of DVR, PC or other devices through the implementation of the proprietary Macro Protocol. The graphic user interface and the control keys can be freely associated by the user/installer. The total number of commands is 128; in the main layout up to 30 command keys can be freely handled.

DCJ
VIDEO AND TELEMETRY CONTROL KEYBOARD

- Control of all Videotec matrix
- Three axis proportional joystick
- Communications:
  - RS485 serial communication with video matrix and multiplexer
  - Two RS485 independent telemetry lines
  - RS232 serial communication connection with PC for firmware update
- Direct control or through matrix series SM and third parties products
- Up to 9999 video channels, 999 telemetry receivers on each telemetry line and 99 monitors
- More than 40 protocols supported

DCK
VIDEO CONTROL KEYBOARD

- Control of all Videotec matrix
- Communications:
  - RS485 serial communication with the video Matrix
  - RS232 serial communication with PC for firmware update
- Direct control or through Videotec matrix series SM and third parties products
- Up to 9999 video channels, 99 monitors

INTEGRATED POSITIONING UNITS

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IR ILLUMINATORS

P&T MOTORS AND TELEMETRY

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DCTEL
MATRIX AND TELEMETRY CONTROL KEYBOARD

- Suitable for SM42A - SM82A, SM84B-164B matrix and telemetry receivers
- Control of video switching, sequences and alarm reset
- Normally fed by SM42A - SM82A, SM84B-164B matrix
- 2 outputs for RS485 serial communication (1 for matrix control, 1 for telemetry indepedent control)
- Telemetry control through matrix or directly by RS485 dedicated serial output: P&T, autopan, preset, zoom, focus, iris and AUX
- Both Pelco D and Eneo Protocols are supported

DCBD
MATRIX CONTROL KEYBOARD

- Suitable for SM42A - SM82A, SM84B-164B matrix
- Control of video switching, sequences and alarm reset
- Normally fed by SM42A - SM82A, SM84B-164B matrix
- RS485 serial communication

DCIR
INFRARED REMOTE CONTROL WITH BASE UNIT

- For matrix series SM42A - SM82A, SM84B-164B and telemetry receiver
- Infrared receiver located in the base of the remote control
- Control of video switching, sequences and alarm reset
- Normally fed by SM42A - SM82A, SM84B-164B matrix
- Telemetry control through matrix and directly by the RS485 serial output: P&T, autopan, preset, patrol, zoom, focus, iris and AUX

USB485
USB TO RS485 CONVERTER

- Suitable for connecting a DCJ or DCT Keyboard to a PC.
- USB 1.1 - 2.0 Full Speed compliant
- No external power supply
- ESD, EFT, Lighting protection at USB and RS485 Data line
- Transmission speed up to 115.2 Kbps
- Driver supports: Windows Server 2008 / Windows Server 2008 x64 / Windows Vista / Windows Vista x64 / Windows Server 2003 / Windows Server 2003 x64 / Windows XP / Windows XP x64 / Windows 2000

VIDEOTEC CONTROL KEYBOARDS

TELEMETRY

	DCTEL	DCIR	DCJ	DCT	
Max receivers	16	999	999 [1]	999 [1]	
Autopan / Preset	•	•	•	•	
Patrol		•	•	•	
Telemetry receivers					**P&T's**
ULISSE, ULISSE COMPACT	•	•	•	•	ULISSE, ULISSE COMPACT
DTRXDC			•	•	PTH355P
DTRX3	•	•	•	•	PTH300P, PTH900P, NXPTH200
DTMRX	•	•	•	•	PTH310, PTH910, NXPTH210, IPT
DTMRX24 / MICRODEC485	•	•	•	•	PTH311, PTH911, NXPTH211, IPT

[1] On each telemetry line.

COMPATIBLE PROTOCOLS

Products	Protocols	Keyboards			Matrix [1]
		DCT	DCJ	DCK	SM328B
DVR	EL.MO.		•	•	
	ENEO	•			•
	EVERFOCUS		•	•	
	SAMSUNG	•			
	SANYO	•			
	SONY	•	•	•	
Dome	BOSCH	•	HW INFTC [2]		
	ELBEX	•	•		
	EL.MO.	•	•		
	ERNITEC	•	•		
	HITRON	•	•		•
	JVC	•	•		
	KALATEL	•	•		
	MARK&MERCER	•			
	PANASONIC	•	•		
	PELCO	•	•		•
	SAMSUNG	•	•		
	SANYO	•			
	SANTEC	•	•		•
	SENSORMATIC	•	•		
	STAR		•		
	VCL	•	•		
Telemetry receiver	ENEO	•	•		•

[1] Meaning control by DCT, DCJ and DCK keyboards through serial port RS485 of matrix SM series. Because DCK, DCJ and DCT may be interfaced with equipment not manufactured by Videotec, the possibility exists that the interface protocols have changed or are in a different configuration from earlier tested units from us. Videotec recommends a bench test prior to installation. Videotec will not be liable for any installation costs or lost revenues in the event a compatibility problem.

[2] HW INTFC Hardware Interface needed: RS485/RS232 adapter RS232/BIPHASE converter (Bosch mod.LTC8786).

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DIGITAL VIDEO SYSTEMS

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VIDEO SWITCHING AND DISTRIBUTION

VIDEO TRANSMISSION

VIDEO SWITCHING AND DISTRIBUTION

A complete series of products for the management of a wide range of CCTV systems. From simple sequential switchers to quad compressors, from small matrix devices directly or remote controlled through a keyboard, to matrix units ideal for mid-size installation. Video distribution amplifiers are available in different models at customer's choice, for every installation requirement.

SM328B
SYSTEM VIDEO MATRIX PAL/NTSC

- 32 video inputs (composite PAL/NTSC 1Vpp) with video loss detection
- 8 video outputs (composite PAL/NTSC 1Vpp) with OSD character (free text, date and time)
- Privacy video masking function
- OSD configuration and PC enhanced configuration
- 32 alarm inputs, 8 relay outputs,1 buzzer
- Day/night sequences (32-step each) for each monitor
- 4 RS485 keyboard inputs RJ11 connectors (max 8 keyboards)
- 2 Aux RS485 lines output to control telemetry and other third parties devices
- Aux A can be used to connect more SM328B matrix in Master/Slaves or Parallel systems
- VCR Trigger input to connect a time lapse VCR
- On alarm: actions on monitors (sequences and cameras) and on telemetry (scan on home positions or patrol)
- Camera exclusion feature if the monitor is used in public places

SM84B - SM164B
VIDEO MATRIX PAL/NTSC

- 8 video inputs expandable up to 16 through additional board
- 4 independent video outputs with text generator
- 8 (16) alarm inputs, one output contact, trigger VCR and alarm reset
- 4 RS485 serial inputs for max 4 remote keyboards
- Telemetry over the coax on the 8 (16) video inputs and on auxiliary serial output (RS485)
- Privacy video-masking function
- Camera exclusion feature if the monitor is used in public places
- Controllable by PC (RS232)
- OSD for parameters setup

SM42A - SM82A
SMALL VIDEO MATRIX PAL/NTSC

- 4 video inputs expandable up to 8 through additional board
- 2 independent video outputs
- 4 (8) alarm inputs, one output contact, trigger VCR and alarm reset
- 15 keys local keypad
- 2 RS485 serial inputs for max 2 remote keyboards
- Telemetry over the coax on the 4 (8) video inputs and on auxiliary serial output (RS485)
- Privacy video-masking function
- Camera exclusion feature if the monitor is used in public places
- OSD for parameters setup

VIDEOTEC

VIDEOTEC VIDEO SWITCHING AND DISTRIBUTION

VIDEO SWITCHING MANAGEMENT					
	SM42A	**SM82A**	**SM84B**	**SM164B**	**SM328B**
Max video inputs	4	8	8	16	32
Max video outputs	2	2	4	4	8
Max operators	2 (+ 1 locally)	2 (+ 1 locally)	4	4	8
Max alarms	4	8	8	16	32
Telemetry	RS485 / Coax	RS485 / Coax	RS485 / Coax	RS485 / Coax	RS485
Keyboards					
DCTEL	•	•	•	•	
DCIR	•	•	•	•	
DCBD	•	•	•	•	
DCJ	•	•	•	•	•
DCT	•	•	•	•	•
DCK	•	•	•	•	•

SR4C
QUAD

- Possibility of selecting PAL/NTSC
- 4 video inputs
- 1 monitor output
- 4 alarm inputs with possibility of NC or NO configuration
- Image display in quad or single format
- Optional hard disk

SW41SK - SW81SK
DESKTOP SEQUENTIAL SWITCHER

- 4/8 inputs, 1 output
- Inputs selection to display performed manually or automatically
- Active input signalled by LED
- Skip function allows the exclusion of the non-connected inputs from the sequence
- Automatic scanning time adjustable from 0.5 to 30 sec

VD
VIDEO SIGNAL DISTRIBUTOR AMPLIFIER

- Available in the versions with 1, 4, 8 inputs and 8, 16 outputs
- For color or B/W video signals
- The input signal is amplified and distributed to the available outputs
- By means of VD816PR1 and VD48P1 versions, it is possible to select how many outputs can be associated to a video input

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VIDEO TRANSMISSION

The twisted pair video transmitter/receiver system is an interesting solution for all those installations where the distance that the video signal must cover via cable is very long. This is the right alternative to fiber optic systems for distances below 1500m (4900ft). The receiver is available with weatherproof box or Euro-card.

TWP
PASSIVE TWISTED-PAIR VIDEO TRANSMITTER
- Transmission of B/W or color video signal
- Dimensions with BNC (connector not included): 40x25x63mm (1.57x0.98x2.5in)
- Maximum distance to the active receiver: up to 750m (2461ft) with UTP cat.5 cable

TWPL1
TRASMETTITORE/RICEVITORE VIDEO BIFILARE PASSIVO
- Video, alimentazione e telemetria su un unico cavo cat.5
- Trasmissione del segnale video B/N o colore
- Dimensione (connettore e cavo BNC non incluso): 22x47x32mm
- Distanza max. al ricevitore attivo: fino a 750m con cavo UTP cat.5

TWM2
SMALL ACTIVE TWISTED-PAIR VIDEO TRANSMITTER
- Transmission of B/W or color video signal
- Dimensions with BNC (connector not included): 40x25x63mm (1.57x0.98x2.5in)
- Protected from ground loops and over voltage
- Maximum distance to the receiver: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable

TWT2
OUTDOOR ACTIVE TWISTED PAIR VIDEO TRANSMITTER
- Transmission of B/W or color video signal
- Small IP56 weatherproof box
- Maximum distance to the receiver: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable
- Protected from ground loops and over voltage
- Available version 230Vac (mod. TWT2A)

TWRB2
OUTDOOR TWISTED-PAIR VIDEO RECEIVER
- Reception of B/W or color video signal
- Small IP56 weatherproof box
- Maximum distance to the transmitter: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable
- Protected from ground loops and over voltage
- Available version 230Vac (mod. TWRB2A)

VIDEOTEC CCTV PRODUCTS

TWRR2
TWISTED-PAIR RACK VERSION VIDEO RECEIVER

- Europe standard board
- Same technical feature of the TWRB2
- Maximum distance to the transmitter: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable
- Protected from ground loops and over voltage

TWRC1
RACK BOX FOR TWRR2 CARDS

- Up to max 14 TWRR2
- 19" rack, 3HE
- Power supply included
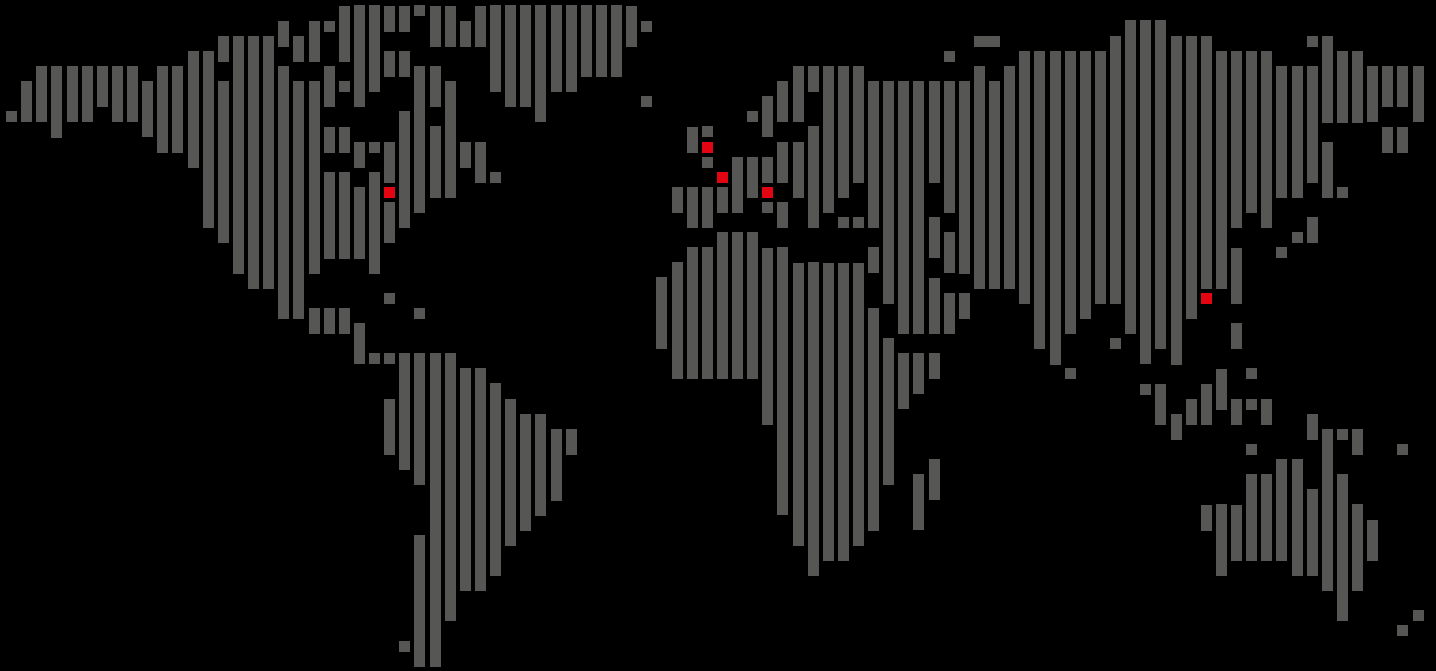- 13-place rack case with closing plates for unused places

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DIGITAL VIDEO SYSTEMS
CONTROL KEYBOARDS
VIDEO SWITCHING AND DISTRIBUTION
VIDEO TRANSMISSION

www.videotec.com

HEADQUARTERS ITALY VIDEOTEC S.p.A.
Via Friuli, 6 - I-36015 Schio (VI) Italy
Tel. +39 0445 697411 - Fax +39 0445 697414
Email: info@videotec.com

UK REPRESENTATIVE OFFICE
Tel./Fax +44 01353 775438 *(Sales)*
Tel. +44 0113 815 0047 (*Technical support*)
Tel. +44 0113 815 0031 *(Orders/Shipping dept.)*
Email: uksales@videotec.com

FRANCE VIDEOTEC FRANCE S.à.r.l.
Voie du Futur - Zac des Portes - 27100 Val de Reuil, France
Tel. +33 2 32094900 - Fax +33 2 32094901
Email: info@videotec-france.com

ASIA PACIFIC VIDEOTEC (HK) Ltd
Unit C 24 Floor - Gold King Industrial Building
35-41, Tai Lin Pai Road - Kwai Chung, NT, Hong Kong
Tel. +852 2333 0601 - Fax +852 2311 0026
Email: info@videotec.com.hk

AMERICAS VIDEOTEC SECURITY, Inc.
555 Preakness Ave. - Totowa, NJ 07512 - U.S.A.
Tel. +1 973 5950788 - Fax +1 425 6484289
Email: usasales@videotec.com - www.videotec.us

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