TFT LCD Displays

Cliffs of Moher, County Clare, Ireland

All CAMOS monitors are equipped with components of the highest quality, guaranteeing exceptional properties for mobile application.

Brilliant colours and crystal-clear sound are some characteristic attributes of our Audio/Video devices. They feature robustness, thermal resistance, and easy handling.

We provide all monitors with our „All-in-one" multi-connector cable; This allows all lines to leave the monitor in one cable, and the to be splitted at its end to each connectors. This enables you to adhere the optical harmony of your vehicle without an annoying number of single cables.

The larger displays supply a VGA and/or a DVI port to connect a PC or games console. The combination of PC and TV never has been easier.

All monitors are compatible to PAL/SECAM and are managed by a comfortable multilingual on-screen menu. They are supplied with a stand and a 12V-power-cord, although a wide range of additional accessories are available.
On the following pages you will surely find the right monitor that fits to your special requirements, in size and functionality.

CM-505R [Art. 1534]

With a size of 5" the CM-505R fits best where you are short of place. Small but powerful, this monitor offers a bright and high contrast screen. It is equipped with 2 camera connectors, and 1 Audio/Video input, i.e. for DVD-Player. Due to your application, the signal of the second camera can be mirrored.

NEW

CM-505R

CM-700R [Art. 1433]

This 7" wide screen (16:9) colour monitor is equipped with a connector for video rear view camera, as well as a Audio/Video input, i.e. for DVD-Player or video consoles. The system automatically turns in camera mode when changing into reverse gear.

CM-700R

CM-703R [Art. 1433B]

The 7" flat panel display with wide screen aspect ratio (16:9) boasts excellent brightness and contrast. With its built-in stereo speakers this LCD display becomes the core of your mobile mini-cinema.

CM-703R

CM-705R [Art. 1433A]

The proudly cherished specialities of this 7" wide screen are the integrated IR-transmitter and the included infrared stereo headphone CMH-100.
A normal conversation is possible while the kids are enjoying a movie.

CM-705R

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CAMOS
e u r o p e

CM-840D [Art. 1436]

The high contrast and brilliant pictures of this 8,4"
LCD TFT panel are impressive. The connecting
terminal provides a SVGA-input (D-sub/RGB), and two
Audio/Video-Inputs for DVD-Player and satellite
receiver. The handling is very easy, using the front
buttons or the included IR-remote control.
The infrared sensor of the CM-840D can be used for
other CAMOS devices connected to the infrared
loop-through jack.
The CM-840D is the perfect space-saving solution
meeting the highest requirements.

CM-840D

CM-1040D

CM-1040D [Art. 1437]

Identical to CM-840D, but with 10,4" display.

CM-1210D [Art. 1446]

The 12" LCD TFT monitor makes a great visual impact.
Outstanding values, in regard to brightness and
contrast, permit perfect visual pleasure even under
adverse lighting conditions. With its RGB/VGA and
DVI connectors, this display is ideally suited to mobile
computing application.
Thanks to its stylish design this flat screen monitor,
with many input facilities, fits into every modern
interior.
The CM-1210D provides high performance in compact
dimensions.

TM-1210D [Art. 1446T]

Identical to CM-1210D, but with analog TV tuner.

CM-1210D
TM-1210D

CM-1510D [Art. 1437C]

The 15" TFT LCD display delivers outstanding pictures
in authentic colours. Feel virtual realistic TV in off-angle
viewing with its wide horizontal viewing angle of 160°.
Of course the CM-1510D does suit to a PC, being
connected either by VGA/RGB or by DVI. It's XGA-
resolution complies with today's business standards and
allows an ergonomic working. Additionally it provides
a large number of input facilities and integrated stereo
speakers.
The CM-1510D, in silver look, is ideally suited to the
modern consumer requirements.

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TM-1510D [Art. 1437CT]

Identical to CM-1510D, but with analog TV tuner.

CM-1510D
TM-1510D

CM-1710D [Art. 1448]

Feel the breathtaking dimensions of mobile enter-
tainment! This large 17" flat panel display leads you
directly amidst the story line. Enjoy exciting action or
relaxing entertainment at its best.
The all-round display CM-1710D with its SXGA-resolu-
tion, is a forward-looking mobile solution for modern
business people with superior requirements.
Ambitious consumers should not settle for less.

TM-1710D [Art. 1449]

Identical to CM-1710D, but with analog TV tuner.

CM-1710D
TM-1710D

Signs and Symbols

Windmills. Campo de Criptana. Spain.

Brightness, measured in cd/m². A higher value stands for a more convenient using by daylight.

Contrast ratio, refers to the ratio of the brightest part of an image versus the darkest part of an image (for example, 100:1).

The widest possible viewing angle, important for off-angle seating.

Max. supported resolution of PC signal, SVGA (800x600), XGA (1024x768), SXGA (1280x1024).

Type of PC connectors: D-SUB (analog) resp. DVI (digital).
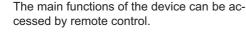
System auto recognition of PAL and NTSC.

Supports wide screen mode (16:9) or the panel has a physical aspect ratio of 16:9.
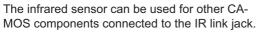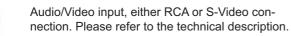
All functions and settings can be managed by a multilingual on-screen menu.

The main functions of the device can be accessed by remote control.

The infrared sensor can be used for other CAMOS components connected to the IR link jack.

Audio/Video input, either RCA or S-Video connection. Please refer to the technical description.

Camera input, CAMOS standard 6 pin Mini-DIN connector.

The signal of the rear view camera can be mirrored for side correction.

A special stand-by mode activates the rear view system, when shifted into reverse.

The unit disposes of one headphone jack (Ø 3,5 mm stereo jack).

Built-in IR emitter for a wireless Infrared headphone (CMH-100).

Integrated tuner module for analog TV reception.

Lowest and highest operating temperature.

Diagonal viewing angle of the camera.

Auto iris lens.

Auxiliary infrared illumination for better image quality by night.

Radio transmission of video and audio signals on 2.4 GHz.

Built-in microphone.

The device is equipped with one integrated speaker (mono).

The device is equipped with two integrated speakers (stereo).

CAMOS europe

TFT LCD / TV
Technical Data

Model	CM-505R	CM-700R	CM-703R	CM-705R	CM-840D	CM-1040D	CM-1210D TM-1210D	CM-1510D TM-1510D	CM-1710D TM-1710D
Picture									
Panel	5" TFT LCD	7" TFT LCD	7" TFT LCD	7" TFT LCD	8.4" TFT LCD	10.4" TFT LCD	12.1" TFT LCD	15" TFT LCD	17" TFT LCD
Aspect Ratio	4 : 3	16 : 9	16 : 9	16 : 9	4 : 3	4 : 3	4 : 3	4 : 3	4 : 3
Number of Pixels (HxV)	320 x 240	1440 x 234	1440 x 234	1440 x 234	800 x 600	800 x 600	800 x 600	1024 x 768	1280 x 1024
Brightness	450 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	220 cd/m²	350 cd/m²	450 cd/m²	300 cd/m²
Contrast	200 : 1	250 : 1	400 : 1	250 : 1	250 : 1	400 : 1	500 : 1	450 : 1	500 : 1
Viewing Angel (horiz.)	90°	130°	120°	130°	110°	110°	120°	160°	160°
Video Signals	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
PC Signals	○	○	○	○	SVGA	SVGA	SVGA	XGA	SXGA
Audio									
Number of Speakers	●	●	●●	●●	●	●	●●	●●	●●
Headphone Jack	●	○	○	●	○	○	○	○	●
IR-Headphone Sensor	○	○	○	●	○	○	○	○	○
Tuner							TM-1210D	TM-1510D	TM-1710D
Video Signals	○	○	○	○	○	○	PAL/SECAM	PAL/SECAM	PAL/SECAM
Control									
Multilingual OSD	●	●	●	●	●	●	●	●	●
Remote Control	●	●	○	●	●	●	●	●	●
Power Mgmt. for PC	○	○	○	○	●	●	●	●	●
Connection Terminals									
PC (analog/digital)	○	○	○	○	●/○	●/○	●/●	●/●	●/●
IR-Loop-Through	○	●	○	●	●	●	●	●	●
Camera-In (Mini-DIN)	●●	●	●	●	○	○	○	○	○
Video-In (Composite)	●	●	●	●	●	●	●●	●●	●●
Video-In (RGB)	○	○	○	○	○	○	○	○	○
Video-In (S-Video)	○	○	○	○	●	●	○	○	○
Audio-In	●	●	●	●	●●	●●	●●	●●	●●
Audio-In (PC)	○	○	○	○	○	○	●	●	●
Audio-Out/Headphone	●	○	○	●	○	○	○	○	●
Wake-Up for RVS	●●	●	●	●	○	○	○	○	○
Other									
Dimensions (WxHxD)	150x115x30	197x121x31	199x126x33	195x132x34	223x178x34,5	254x202x29	323x252x42	381x299x46	422x371x38,5
Weight	400 g	550 g	500 g	540 g	1,200 g	1,500 g	2,400 g	3,500 g	4,800 g
Power Consumption	12 V ≤ 8 W	12 V ≤ 9 W	12 V ≤ 9 W	12 V ≤ 11 W	12 V ≤ 11 W	12 V ≤ 11 W	12 V ≤ 23 W	12 V ≤ 30 W	12 V ≤ 44 W
Operation Temperature	-15 to +65° C	-15 to +60° C	-15 to +65° C	-15 to +60° C	-10 to +50° C	-10 to +50° C	0 to +60° C	0 to +60° C	0 to +60° C
Accessories Included									
	Monitor Stand, Multifunction Cable, 12 V Power Cord, IR Remote Control, Cable/Adapter								
Article Number	1534A	1433	1433B	1433A	1436	1437	1446 (CM) 1446T (TM)	1437C (CM) 1437CT (TM)	1447 (CM) 1448 (TM)