



CMTC1725

TFT Monitors

## 17-inch TFT CCTV colour monitor

Commercial TFT monitor specifically for CCTV applications

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- Variable picture-in-picture function (PiP) for simultaneous display of two input signals, either statically or triggered by alarm
  - User-editable, alarm-triggered on-screen text display
  - High brightness and resolution for excellent image reproduction
  - Metal casing and front glass for professional security applications
  - Convenient operation via graphic OSD menu in 11 languages
  - Encodable remote control with 99 IDs
  - Alarm input for control of the PiP function and the on-screen text display
  - 2 loop-through BNC inputs
  - 3D comb filter
  - Effective de-interlacing
  - Automotion function
  - Key lock
  - 12 V DC output

The high-resolution SXGA TFT monitor has been designed especially for CCTV applications.

The monitor features 2 BNC video inputs with loop-through outputs, one S-VHS input and one DVI input which allows the monitor to be used for PC-based applications. The quick image overlay function makes the monitor suitable for use as an alarm monitor and in conjunction with automatic video switchers.

The 3D comb filter and the effective de-interlacing ensure a high image quality especially for video applications. Compared to standard monitors, saw-tooth effects are eliminated, video noise at vertical and horizontal edges is reduced to a minimum, and images are flicker-free.

The automotion function prevents image burn-in if static images are displayed for an extended period of time.

The picture-in-picture function (PiP) enables the simultaneous display of 2 images on the same monitor. The size and position of the superimposed image can be varied. By means of a special mode it is also possible to make the superimposed image transparent, with a variable degree of transparency.

The monitor also features a text function; this function allows any text to be configured and displayed on the screen. The text can be displayed as static or as scrolling text, with variable size and colours.

An alarm input can be used in conjunction with the PiP function or the text function; the superimposition of the 2nd image and the text overlay can thus be event-triggered. This variable PiP control function makes the monitor the ideal solution for workstations that are used for both PC and video applications.

The monitor further has 2 audio inputs and outputs as well as a set of built-in loudspeakers.

Through its sturdy metal housing the monitor is also suited for industrial applications where high resolution, image brightness and contrast are required and the monitor screen can be viewed easily from all sides. To protect the TFT panel from being damaged, the housing is made of metal and the front part is protected by a glass pane. This makes the monitor particularly suited for video surveillance applications.

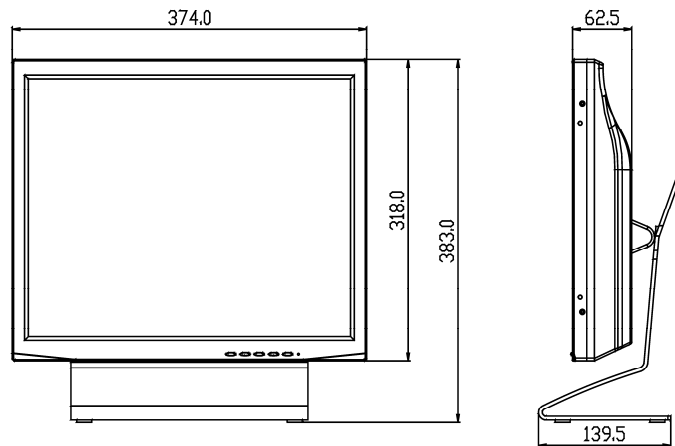
A graphic OSD menu in 11 languages and a remote control that can be encoded for individual monitors ensure convenient operation.

The control keys on the monitor can be password-protected to prevent unauthorized persons from changing settings. In conjunction with the variable on-screen text display, this makes the monitor suitable for use in public areas.

The integrated power supply unit and the preinstalled stand considerably facilitate the installation.

The separate 12 V DC voltage output can be used for devices that are mounted near the monitor. The additional 12 V DC input voltage is an alternative for the 230 V AC. Using a VESA support, the device may also be mounted to a wall. A mounting bracket for installation in a 19" cabinet is available as an accessory.

## Dimensions



## Technical data

Screen	17" TFT LCD
Resolution	SXGA, 1280 x 1024 pixels
Contrast ratio	800:1
Brightness	300 cd/m <sup>2</sup>
Colours	16.7 M
Viewing angle L/R, U/O	80/80°, 80/80°
Response time	5 ms
Power supply	<ul style="list-style-type: none"> <li>● 100 to 240 V, 50/60 Hz, (55 W)</li> <li>● 12 V DC / 6 A (integrated power supply unit)</li> </ul>
Power Consumption	63 W (max.)
Frequency range	h: 30 to 64 kHz, v: 50 to 60 Hz
Video standard	NTSC/PAL Auto Switch
Video signal	<ul style="list-style-type: none"> <li>● RGB: 0.7 to 1.4 V<sub>PP</sub> / 75 Ohm;</li> <li>● S-Video: 1 V<sub>PP</sub>, (0.7 V Video / 0.3 V Sync) 75 Ohm</li> <li>● DVI: RE V1.0 dig. Single T.M.D.S</li> </ul>
Audio	2 built-in speakers, L+R (2 x 1.8 W / 8 Ohm)
Video inputs (PiP)	2 x video in (BNC), 1 x S-video, 1 x DVI-I
Video output	2 x video out (BNC)
Alarm input	1 x 3.5 mm jack
Audio inputs	2 x audio in (RCA)
Audio outputs	2 x audio out (RCA)
Power supply	3-pin appliance inlet C14
Power supply	1 x 12 V DC, 6 A
Power output	1 x 12 V DC, 1 A
OSD control	colour, hue, brightness, contrast, sharpness, volume, language (8), scan (O/U), picture-in-picture function (PiP), text editing, etc.
OSD languages	English, German, French, Italian, Spanish, Polish, Czech, Swedish, Dutch, Portuguese, Chinese
Ambient temperature	5 to 35 °C
Storage temperature	-25 to +60 °C
Housing	metal, front panel: glass

Installation	<ul style="list-style-type: none"> <li>● integrated stand</li> <li>● VESA standard (4 x M4; 100 x 100 mm)</li> <li>● optional 19" installation kit for cabinet mounting</li> </ul>
Dimensions, monitor only (W x H x D)	374 x 318 x 62.5 mm
Panel	DIN ISO 13406-2, Class II
Regulation	CE, C-Tick
<b>Other features</b>	
Slot for Kensington lock	Y
Key disabling	Y
Automotion function	Y
Variable, transparent picture-in-picture (PiP)	Y
User-editable on-screen text display	Y
3D comb filter	Y
De-interlacing	Y

**Details for ordering**

Type	Part no	Designation	Weight
CMTC1725	S54573-C2-A1	17" TFT CCTV colour monitor	8.5 kg
CMTB1715-R	2GF3125-8BA	Bracket for 19" Rack	0.7 kg