



CMTC2225

TFT CCTV Colour Monitor

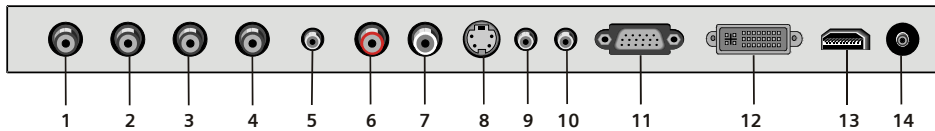
56 cm (22")



The high-resolution TFT monitor has been specifically designed for CCTV applications and is ideally suited for use with digital video recorders (DVR) and PC systems.

Its very high contrast ratio and brightness combined with a viewing angle of 160° H/V provides a clear and comfortable view. The monitor has two BNC video inputs with loop-through outputs, one S-VHS input, one DVI and one HDMI input for DVR- and PC-based applications. The quick image display functions makes the monitor suitable for use as an alarm monitor and in systems with automatic video matrix switchers. The PiP/PbP function extends the monitor to a real security monitor.

- 1.76 mega-pixel resolution (1680 x 1050 pixels)
- 250 cd/m² brightness for excellent image reproduction
- Contrast ratio up to 1000:1 for optimum colour accuracy
- The 5 ms response time of the panel reduces ghost and blurred images
- PiP (Picture-in-Picture) and PbP (Picture-by-Picture)
- Convenient operation via OSD menu in 5 languages
- Remote control unit
- Loop-through BNC inputs and S-Video inputs
- DVI and HDMI inputs for DVR and PC applications
- Key lock for the control buttons on the front panel



Legend

- | | | | |
|------|--|----|------------------------|
| 1 | Video 2 (AV2) output | 9 | Audio output (speaker) |
| 2 | Video 2 (AV2) input | 10 | PC Stereo input |
| 3 | Video output 1 (AV1) | 11 | VGA (D-SUB) input |
| 4 | Video input 1 (AV1) | 12 | DVI input |
| 5 | Trigger input | 13 | HDMI input |
| 6, 7 | Audio input (R+L) for AV1, AV2 and S-Video | 14 | 12 V DC input |
| 8 | S-Video (Y/C) input | | |

Functionalities

■ 3D comb filter

The comb filter provides the best possible analogue video quality by separating the luminance and chrominance signal components.

■ De-interlacing

De-interlacing is the process of converting interlaced video (a sequence of fields) into a non-interlaced form (a sequence of frames).

■ PiP (Picture-in-Picture)

This feature allows to show the images of a PC input and a video input at the same time.

Thereby a small picture will be shown at a selectable position in the main display area.

■ PbP (Picture-by-Picture)

This feature allows to show the images of two video inputs at the same time side by side.

■ Contrast ratio

The contrast ratio is a measure of the brightness range provided by a display system, defined as the ratio of the luminance of the brightest colour (white) to that of the darkest colour (black) that the system is capable of producing.

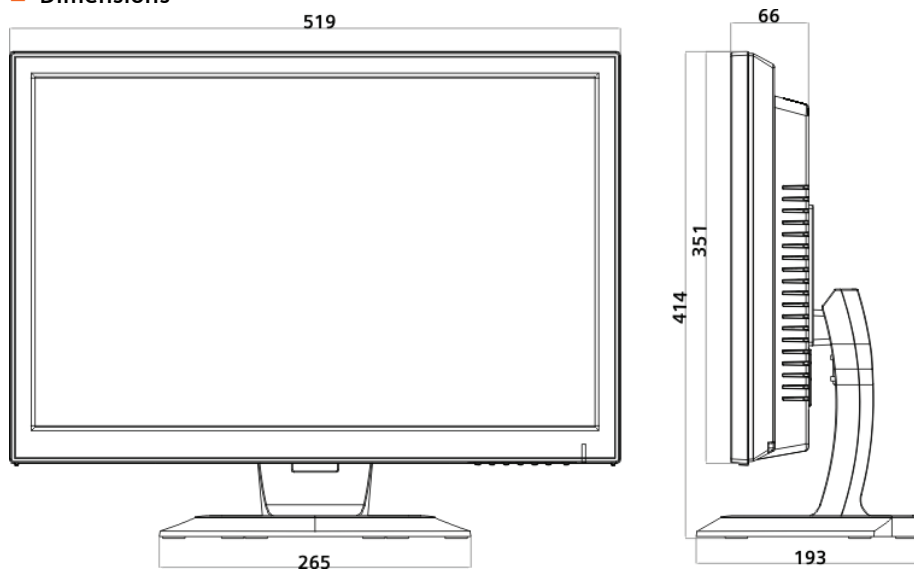
■ Brightness

This value measures the difference between the minimum and maximum brightness when looking at a white image (in percent). It is given in "candela per square meter".

■ Assembly

The power supply unit which is included in the delivery and the preinstalled stand make installation easy. The monitor can also be attached to a wall using a VESA bracket.

■ Dimensions



■ Technical data

Panel type	56 cm (22") TFT colour LCD panel
Screen diagonal	56 cm
Viewable size (H x V)	473.8 x 296.1 mm
Pixel pitch (H x V)	0.282 x 0.282 mm
Angle of view (H / V)	160° / 160°
Contrast ratio	1000:1
Brightness	250 cd/m ²
Resolution (H x V)	1680 x 1050 pixels
Colours	16.7M
Response time	5 ms
Power requirement (power pack)	100 – 240 V AC
Power requirement (monitor)	12 V DC, 5.83 A
Power consumption	50 W
Scanning frequency	31 – 80 kHz (H); 56 – 75 Hz (V)
Inputs	PC – Resolution: SXGA (1680 x 1050 at 60 Hz) – Connections: DVI-D, HDMI VIDEO – Standard: PAL/NTSC (auto-sensing) – Connections: 2 x BNC (composite video), 1 x Mini-DIN 4-pin (S-Video, Y/C) – Level: 1.0 Veff., terminated with 75 Ohm AUDIO – 1x audio input (chinch, R+L) for AV1, AV2 and S-Video – 1x PC stereo audio input Trigger – 1 Trigger input
Outputs	VIDEO – 2 video outputs (BNC, looped through) – 1 S-Video (Y/C) output AUDIO – 1 stereo audio output – Integrated loudspeaker: 2x 1 W stereo
Languages	English, German, Spanish, French, Italian
Dimensions (W x H x D)	519 x 414 x 193 mm (with base) 519 x 351 x 66 mm (without base)
Package dimensions (W x H x D)	590 x 515 x 280 mm
Material	ABS plastic
Weight	Net weight: 5.83 kg Gross weight: 8.42 kg
Environmental operating temperature	0 – 40 °C
Storage temperature	-20 to +60 °C
Relative humidity	Max. 80 %, no condensation
Mounting	VESA 100
Battery type	AAA / 1.5 V
Approval	CE

■ Details for ordering

Type	Part number	Designation	Weight*
CMTC2225	S54573-C23-A1	56 cm TFT CCTV Monitor 16:10	8.4 kg

* Device incl. packing material, accessories that are included in the delivery, and documentation

Further products and accessories can be found in the Internet: [siemens.com/cctv](https://www.siemens.com/cctv) > **Catalogue Downloads.**

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

© Siemens AG • Document No. A6V10333326 • Edition: **28.06.2011** • Document version: 1.0