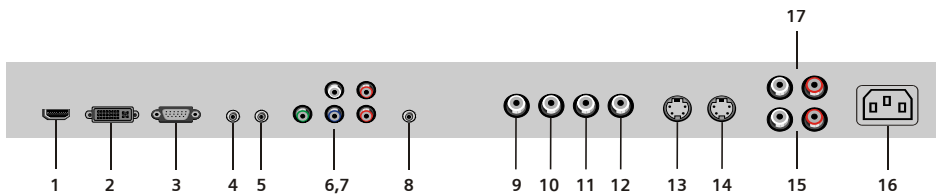# CMTC4215
TFT LCD Monitor

The CMTC4215 is part of the new wide screen monitor range of Siemens Security Products. It has been specifically designed for CCTV applications and is ideally suited for use with digital video recorders (DVR) and PC applications.
Its very high contrast ratio and brightness combined with a viewing angle of 178° H/V provides a clear and comfortable view. The monitor has 2 BNC video inputs, 2 loop-through outputs and further Video/PC inputs allowing a wide range of applications. The PiP/PbP as well as the configurable trigger functions extends the monitor to a real security monitor suitable for use in alarm events to switch display priority video.
A graphical OSD menu in 6 languages and a remote control make the monitor particularly user-friendly. The control buttons on the monitor can be locked, thereby ensuring that the settings cannot be changed by unauthorized persons.

- 107 cm (42") Wide Screen (16:9) Active Matrix TFT-LCD Panel
- Full 1920 x 1080 HD resolution
- Contrast ratio 1300:1
- PiP (Picture-in-Picture) and PbP (Picture-by-Picture)
- Configurable trigger input
- Multi language support

Answers for infrastructure.

SIEMENS

Legend

1	HDMI input	10	AV1 output (looped through)
2	DVI input	11	AV2 input (composite)
3	PC VGA input	12	AV2 output (looped through)
4	PC stereo input	13	S-Video Y/C input
5	Audio output	14	S-Video Y/C output (looped through)
6	Component input	15	AV2 Audio L/R input
7	Component audio L/R input	16	AC Power input
8	Trigger input	17	AV1, S-Video audio L/R input
9	AV1 input (composite)		

Functionalities

■ **3D Comb filter**

The comb filter provides the best possible analog 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.
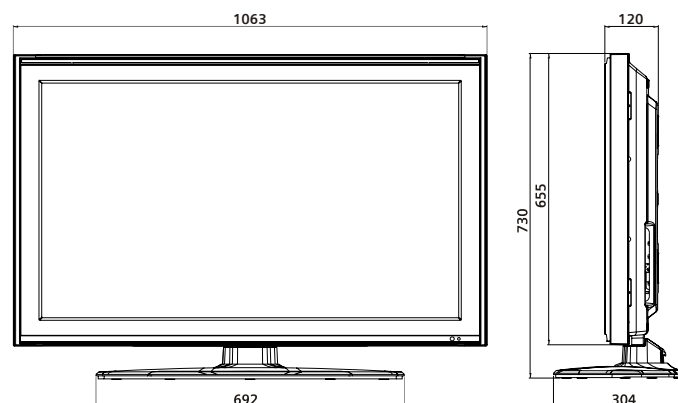
■ **Contrast ratio**

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 color (white) to that of the darkest color (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 "candelar per square meter".

■ **Dimension drawings**

All dimensions in mm

■ Technical data

Screen diagonal	107 cm (42")
Power requirements	100 – 240 V AC, 50/60 Hz
Resolution (H x V)	1920 x 1080 pixels
Pixel pitch (H x V)	0.4845 x 0.4845 mm
Contrast ratio	1300:1
Colour depth	16.7 Mio
Brightness	500 cd/m^2
Angle of view	Horizontal: 178/178° Vertical: 178/178°
Response time	5 ms
Frequency	Horizontal: 31 – 80 kHz Vertical: 56 – 75 Hz
Video standard	PAL/NTSC (auto-sensing)
Video signal	RGB: 0.707 Vpp (75 Ω) NTSC: 1.0 Vpp (75 Ω)
Loudspeakers	2 speakers (2 x1 W)
Video inputs	2 FBAS (BNC, looped through) 1 S-Video (Y/C, looped through) 1 DVI-D 1 HDMI 1 RGB 1 Component (Y, Pb, Pr, Sound L/R)
Video outputs	2 FBAS (BNC, looped through)
Audio inputs	1 Audio In (chinch, R+L) for AV1, AV2 and S-Video 1 Stereo
Audio outputs	1 Stereo
Trigger input	1
Installation	VESA standard (4 x M4, 100 x 100 mm)
Active display area (H x V)	930 x 523 mm
Package dimensions (W x H x D)	1300 x 885 x 390 mm
Dimensions (W x H x D)	1063 x 730 x 304 mm (with base) 1063 x 655 x 120 mm (no base)
Materia	Plastic
Weight	Net weight: 31 kg Gross weight: 39 kg
Ambient temperature, storage	-20 to +60 °C
Ambient temperature, operation	0 – 40 °C
Relative humidity	80 %

■ Details for ordering

Type	Part no	Designation	Weight*
CMTC4215	S54573-C22-A1	107 cm TFT CCTV Monitor 16:9	39.0 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 > **Catalogue Downloads**.

www.buildingtechnologies.siemens.com