CMTC3225

TFT CCTV LED Monitor 32" (81cm)
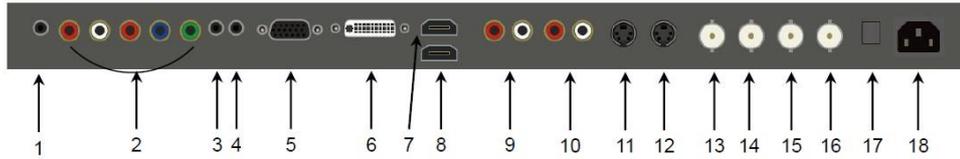
VANDERBILT

The CMTC3225 is a Full High Definition TFT-LCD LED monitor that has been specifically designed for CCTV applications and is ideally suited for use with digital video recorders and PC systems. It has a very high contrast ratio and brightness combined with a large viewing angle of 178° H/V resulting in a clear and comfortable view.

The monitor has two analogue video inputs (BNC) with loop-through outputs and high resolution of 600TVL and also further Video/PC inputs allowing to cover wide range of applications.

The PiP/PbP/VoV function (Picture-in-Picture/Picture-by-Picture/Video-On-Video) extends the monitors use for security applications, allowing picture inlay to view multiple video streams on a single screen.

A graphical OSD menu in 7 languages and a remote control make the monitor particularly user-friendly. The control buttons on the monitor can be locked so that tampering with the settings by unauthorized persons is prevented.

Key features include:

- Full HD screen resolution 1920x1080p (16:9) with high contrast ratio 3000:1
- LED backlight technology for lower power consumption (55W)
- HDMIs, DVI and VGA inputs for DVR/NVR and PC connections
- Optimized for CCTV and designed for 24/7 use, with burn-in protection feature
- 2 BNC (CVBS) inputs/outputs equipped with a 3D comb filter and De-interlacing motion offering optimal, crisp and clear picture reproduction anytime
- Super High Resolution of 600TVL
- S-VIDEO and Video Composite inputs to cover all possible CCTV applications
- PiP (Picture-in-Picture) PbP(Picture-by-Picture) and VoV (Video-on-Video)
- Convenient operation via OSD menu in 7 languages
- IR Remote control unit
- Auto switching and trigger Input functionalities
- Built in Speakers

Legend			
1	Trigger input [3.5mm jack]	9	Audio input (R+L) for AV2 [RCA]
2	COMPONENT AUDIO L/R IN [RCA] & COMPONENT Y/Pb/Pr IN [RCA]	10	Audio input (R+L) for AV1 & S-VIDEO [RCA]
3	Audio output (speaker) [3.5mm jack]	11	S-VIDEO output
4	PC Audio Stereo input for VGA & DVI [3.5mm jack stereo]	12	S-VIDEO input
5	VGA input [15Pin D-SUB]	13	Video 2 (AV2) output [BNC]
6	DVI-D input	14	Video 2 (AV2) input [BNC]
7	HDMI 1 input	15	Video 1 (AV1) output [BNC]
8	HDMI 2 input	16	Video 1 (AV1) input [BNC]
		17	DC 12V output [Power Jack]
		18	AC power input

Technical data

Panel type	TFT-LCD colour panel with LED backlight (Active-Matrix)
Screen size	81 cm (32")
Aspect ratio	16:9
Viewing area (H x V)	698,4 mm x 392,85 mm
Pixel pitch (H x V)	0.36375mm x 0.36375 mm
Viewing angle (H / V)	178° / 178°
Contrast ratio	3000:1
Brightness	350 cd/m^2
Native Resolution (H x V)	1920 x 1080 pixels (Progressive scan)
Display Colours	16.7M
Response time	<6.5 ms
Video Resolution (AV1 & AV2)	600 TVL
Video System (Sync. Format)	NTSC / PAL (Auto-Sensing)
Filter type	3D comb filter / De-Interlace

Scanning frequency	31 ~ 80 kHz (H); 56 ~ 75 Hz (V)
Supported Resolutions (H v V)	640x480/60Hz, 640x480/72.8Hz, 640x480/75Hz, 800x600/56Hz, 800x600/60Hz, 800x600/72Hz, 800x600/75Hz, 1024x768/60Hz, 1152x864/75Hz, 1360x768/60Hz, 1280x720/60Hz, 1600x900/60Hz, 1280x960/60Hz, 1024x768/70Hz, 1280x1024/60Hz, 1024x768/75Hz, 1280x1024/75Hz, 1920x1080/60Hz

Input Interfaces

VIDEO:
- VGA, DVI-D, HDMI1 and HDMI2
- 2x BNC (CVBS 1Vp-p, 75ohms terminated)
- S-VIDEO
- Video COMPONENT (Y/Pb/Pr)

AUDIO:
- Audio input (Cinch, R+L) for AV2
- Audio input (R+L) for AV1 & S-VIDEO
- Audio input (R+L) for Component Video
- PC Stereo Audio

TRIGGER:
- 1x Trigger input

Output Interfaces

VIDEO:
- 2 x BNC looped through Output (CVBS 1Vp-p, 75ohms terminated)
- S-VIDEO

AUDIO
- Built in speakers: 2x 2W (Stereo)
- Audio output (for speaker)

POWER
- 12VDC output (Max 2.5A)

Features supported	PIP (Picture in Picture), PbP (Picture By Picture), VOV (Video Over Video), Panel burn-in protection
Languages (OSD)	English, French, German, Italian, Spanish, Portuguese, Dutch
Power requirement	100~240 V AC, 50/60 Hz
Power consumption	55 W
Material	Aluminium (AL), Electrolytically Galvanized Steel (EGI)
Dimensions (W x H x D)	754 x 486 x 180 mm (with base) 754 x 456 x 67 mm (without base)
Package dimensions (W x H x D)	790 x 580 x 220 mm
Weight	Net weight: 13.0 kg ; Gross weight: 17.3 kg
Environmental operating temperature	0 ~ 40 °C
Storage temperature	-20 ~ +60 °C
Relative humidity	Max. 80 %, no condensation
Mounting	200 x 200 mm
Battery type (Remote Control)	2x AAA / 1.5 V (included)
Approval	CE

Details for ordering

Type	Part no.	Designation	Weight
CMTC3225	V54573-C101-A100	81 cm LED CCTV Monitor 16:9	17.3 kg

VANDERBILT