Product Information

Monitors

Colour Video Monitors Standard / High Resolution
CM-10   CM-21   HQ-CM-14   HQ-CM-17

Product Data

- up to 750 TV lines resolution
- professional metal housing
- stabilised high voltage circuit
- 96 - 256 V/AC switching PSU
- uniform design for all models
- multi-norm PAL or NTSC
- Y/C (S-VHS) input (HQ-CM models)
- very small dot pitch (HiRes)
- 10" up to 21" (25 – 53 cm) screen size

Description

To meet today's demand for high reliability and quality, videotronic applies strict standards to all electronics with many detailed improvements and optimised electronic circuits. All of videotronic infosystems CCTV monitors are using high resolution picture tubes with reliable quality and performance.

The entire range of videotronic infosystems colour CCTV monitors comes in a uniform professional industrial design which guarantees a homogeneous appearance in complex systems with different monitor sizes. Our colour monitors are using a switching power supply unit that accepts voltages from 96 up to 256 VAC. All monitors have an automatic PAL/NTSC video norm detection circuit. The HQ-CM series has an additional Y/C (S-VHS) input.

Videotronic infosystems colour CCTV monitors are made out of high quality components and offer excellent value for money.

Security in Focus.

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Monitors

Technical Specifications

Type	CM-10	HQ-CM-14	HQ-CM-17	CM-21
Screen size	10" (25 cm)	14" (36 cm)	17" (43 cm)	21" (53 cm)
Resolution	350 TV lines	720 TV lines	750 TV lines	450 TV lines
Band width	6 MHz	7 MHz	6.25 MHz	6 MHz
Luminance	200 cd/m²	200 cd/m²	200 cd/m²	200 cd/m²
Dot pitch	0.63 mm	0.28 mm	0.28 mm	0.7 mm
Video gain	30 dB	30 dB	30 dB	30 dB
Gradation	max. 400 steps	max. 400 steps	max. 400 steps	max. 400 steps
Signal-to-noise ratio	52 dB	52 dB	52 dB	52 dB
Geometric distortion / hum	+/- 2% / < 0.5%	+/- 2% / < 0.5%	+/- 2% / < 0.5%	+/- 2% / < 0.5%
Deflection	electromagnetic	electromagnetic	electromagnetic	electromagnetic
High voltage stability	> 90 %	> 90 %	> 90 %	> 90 %
Time error correction	> 75 lines	> 75 lines	> 75 lines	> 75 lines
V/H synchronisation	internal FBAS	internal FBAS	internal FBAS	internal FBAS
VCR / normal mode	automatic	automatic	automatic	automatic
Scanning system	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Video input signal	0.5 - 2 Vpp	0.5 - 2 Vpp	0.5 - 2 Vpp, Y/C	0.5 - 2 Vpp, Y/C
Operating voltage	96-256 VAC	96-256 VAC	96-256 VAC	96-256 VAC
Ambient temperature	-10° - +55° C	-10° - +55° C	-10° - +55° C	-10° - +55° C
IP rating	IP40 / class 1	IP40 / class 1	IP40 / class 1	IP40 / class 1
MTBF	25,000 h	25,000 h	25,000 h	25,000 h
EMI	acc. to EmVG	acc. to EmVG	acc. to EmVG	acc. to EmVG
EMC	acc. to EmVG	acc. to EmVG	acc. to EmVG	acc. to EmVG
Safety	acc. to EmVG	acc. to EmVG	acc. to EmVG	acc. to EmVG
Weight	approx. 8.5 kg	approx. 14 kg	approx. 25.5 kg	approx. 26.5 kg
Dimensions (WxHxD) mm	262x238x292	355x320x380	422x420x475	490x455x500
Housing finish	sheet steel	sheet steel	sheet steel	sheet steel
Housing colour	RAL 7035	RAL 7035	RAL 7035	RAL 7035
Connections				
Video IN	BNC	BNC / BNC S-VHS	BNC / S-VHS	BNC / S-VHS
Video OUT	BNC	BNC / BNC S-VHS	BNC / S-VHS	BNC / S-VHS
Power	mains cord	mains cord	mains cord	mains cord
Accessories (included)	instructions	instructions	instructions	instructions

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