

Product Information

Monitors

Video Monitors (Monochrome)

EM-96D EM-121D EM-141D EM-171D EM-201D

Product Data

- max. 1.000 TV lines resolution
- professional metal housing
- 96-256 V AC
- automatic switching between EIA and CCIR (multi-norm)
- uniform design for all models



Description

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

The entire range of videotronic infosystems monochrome CCTV monitors comes in a uniform professional industrial design which guarantees a homogeneous appearance in complex systems with different monitor sizes. To comply with all possible market or system requirements our monochrome monitors are available with different screen sizes between 9" (23cm) and 20" (51cm).

The monitors can operate with voltages between 96 and 256 V AC, which makes it possible to use these monitors nearly everywhere. The monitors detect which scanning system (CCIR or EIA) they are connected to and automatically switch to the corresponding mode.

The entire range of videotronic infosystems monochrome CCTV monitors includes high quality components and offers excellent value for money.

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Monitors

Technical Specifications

Screen size	23 cm (9") 31 cm (12") 36 cm (14") 43 cm (17") 51 cm (20")
Resolution	1,000 lines
Band width	14 MHz
Video amplification	30 dB
Gradation	max. 400 steps
Signal-to-noise ratio	50 dB
Geometric distortion	± 2 %
Deflection	electromagnetic
High-voltage	11 KV
High-voltage stability	> 90 %
Scanning system	EIA / CCIR, multinorm (50 / 60 Hz)
Video input signal	BAS 0.5 - 2 Vpp
Line termination	output 75 Ω switchable
Voltage / consumption	96 - 256 V AC / 92 VA
Operating temperature	-10° to +55° C
EMC	acc. to EN-50081-1, EN-55011 class B
EMI	acc. to EN-50082-2, EN-50204, EN-61000-4,-2,-3,-4,-6
Safety	acc. to EN-60950, EN-60065
Protective system	IP40/class I
Safety class	acc. to
Control elements	contrast / brightness / V-hold / H-hold
Weight	9" = 6 kg / 12" = 9 kg 14" = 15 kg / 17" = 14 kg / 20" = 18 kg
Dimensions (W x H x D)	9" = 220 x 227 x 250 mm 12" = 310 x 300 x 300 mm 14" = 325 x 327 x 327 mm 17" = 420 x 435 x 420 mm 20" = 490 x 470 x 360 mm
Housing design	sheet steel
Housing colour	RAL 7035 grey/beige

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Errors and omissions excepted.

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