



EMCON 22" Widescreen LCD Flat Panel Displays

EMCON has developed a series of 22" flat panel displays for government users. These displays are available in the following choices:

- TEMPEST Level I - This display meets the requirements of: NSTISSAM TEMPEST/1-92, Level I; CID09/15A, Level I; and SDIP-27 Level A (providing the equipment and associated systems are installed to the requirements identified in SDIP-29).
- TEMPEST Level II - This display meets the requirements of NSTISSAM TEMPEST/1-92 Level II; CID09/15A, Level II; and SDIP-27 Level B (providing the equipment and associated systems are installed to the requirements identified in SDIP-29).

These 22" narrow bezel monitors feature 5 ms response time and industry-leading 8000:1 digital fine contrast (DFC) ratio.

Specifications

LCD Panel

Panel	TFT Active Matrix
Diagonal Size	22" (55.9 cm)
Aspect Ratio	16:10
Pixel Pitch	0.282 mm (.01in.) pixel pitch
Max Resolution	1680 x 1050
Response Time	5 ms

Optical Characteristics

Contrast Ratio	DFC 8000:1
Brightness	300 cd/m ²

Input Interface – Video Signal

Standard	15-Pin HD D-Sub (HD-15) Analog VGA
Optional	DVI-D Digital Interface

Plug and Play Compatibility

Microsoft® Windows® 7, Vista, XP operating systems

Power Input	AC 120-230 50-60 Hz
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Power Requirements

Operational	40 W
Stand by/Sleep Mode	1 W

Physical Specifications

Temperature	
Operating	10°C to 35°C (50°F to 95°F)
Relative Humidity	10% to 80% non-condensing
Dimensions with stand	
Level I – Height is adjustable	
Height	45.72 to 55.88 cm (18.0 to 22.0 in.)
Width	53.34 cm (21.0 in.)
Depth	18.00 cm (7.09 in.)
Level II and Zone – Height is not adjustable	
Height	45.72 cm (18.0 in.)
Width	50.29 cm (19.80 in.)
Depth	18.00 cm (7.09 in.)
Net Weight	5.73 kg (12.6 lbs.)

Warranty

Three-year, parts and labour, return to depot

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