IM-CT-1948-3-09-IQ
19" Industrial 24/7 Display

FUNCTIONALITY

The IM-CT-1948-3-09-IQ is specially designed to transcend the challenge of enduring 24/7 operations. An Anti-Burn-in technology prevents image ghosting while performing non-stop mission-critical operations. Its metal casing and protective optical glass not only protects the display from damage but also keeps maintenance easy.

Built with cutting-edge super-resolution technology, the IM-CT-1948-3-09-IQ can upscale images at a higher and more detailed resolution for better clearness. As well, a user-friendly CCTV mode is pre-configured to maximize image clarity in the scenario of low light surveillance footage at night.

The display supports multiple video input sources, from legacy video cameras to the latest HDMI and DisplayPort equipment. Its lockable Composite output makes it easier to connect to other gear without the need for a splitter.

MAIN FEATURES

• Anti-Burn-in technology prevents image ghosting

• Protective optical glass & metal housing

• PiP/PbP functions enable multi-source viewing simultaneously

• Image Enhancer: Deinterlace, Noise Reduction, Image Rotation, Freeze

• Super resolution technology upscales and sharpens SD images to HD-like quality content

• Versatile connectivity: DisplayPort, HDMI, DVI, VGA, S-Video, Composite

• Alink function for synchronized powering on/off via HDMI

• BNC passive loop-through output port

• RS232 control support - provides compatibility with control systems

• Front-sided IP22 Compliant (IEC 60529 Standard)

• EcoSmart Sensor automatically adjusts brightness level according to ambient lightning conditions

• Black-level adjustment for presenting more details in dark images

• Selectable gamma curves optimize different kinds of images

• CCTV picture mode for maximum image detail and clarity in low light footage

• Night mode selection for dimming the backlight level in dark environments

• Lockable OSD settings to prevent tampering in public environments

• Rigorous screening of the components for mission-critical 24/7 applications

• Premium-grade panel for high reliability and long product lifetime

IM-CT-1948-3-09-IQ - TECHNICAL DATA

PANEL	
Panel Type	LED-Backlit TFT LCD (TN Technology)
Panel Size	19" (42,8 cm)
Max. Resolution	SXGA 1280 x 1024
Pixel Pitch	0,294 mm
Brightness	250 cd/m²
Contrast Ratio	20.000.000:1 (DCR)
Viewing Angle (H/V)	170°/160°
Display Color	16,7M
Response Time	3 ms
FREQUENCY	
H Frequency	24 kHz - 83 kHz
V Frequency	50 Hz - 75 Hz
INTERFACES	
Input	DisplayPort, HDMI 1.4, 24-Pin DVI-D, 15-Pin D-Sub, 2 x Composite (CVBS) BNC, S-Video 4-Pin mini DIN
Output	2 x Composite (CVBS) BNC
External Control	RS232 In 2,5mm Phone Jack
Other Connectivity	USB 2.0 Service Port
Audio	In: 3,5mm Stereo Audio Jack, RCA Stereo Audio Jack, Out: RCA Stereo Audio Jack, Speaker: 2 x 2 W
POWER	
Power Supply	External
Power Requirement	12 V DC, 1,75 A
Power Consumption	On Mode: 16 W, Stand-by Mode: < 0,5 W, Off Mode: < 0,5 W
OPTICAL GLASS	
Thickness	3,0 mm
Reflection Rate	< 1 %
Transmission Rate	> 97 %
Hardness	> 9H
GENERAL	
Operating Conditions	0°C to 40°C; 10-90% Humidity (non-condensing)
Storage Conditions	-20°C to 60°C; 5-95% Humidity (non-condensing)
Mounting	VESA FPMPMI (100 x 100 mm & 75 x 75 mm)
Stand	Tilt 0° to 22°
Security	Kensington Security Slot
Dimensions w/ Base	445,4 x 420,2 x 175,0 mm
Weight w/ Base	6,9 kg
Certification & Compliance	CB, CE, FCC, BSMI, RoHS, WEEE, REACH