

iVID101 Explosion Proof Video Monitor



12.1" TFT Video Monitor for direct connections to CCTV cameras or video signals in Zone 1 hazardous areas.

Explosion Proof II 2 GD Ex d IIB+H2 T5 (Tmax 100°C)

0°C to +40°C

IP66

Overview

The iVID101 unit consists of a 12.1 TFT LCD display mounted inside an Ex d enclosure with a glass viewing window. The unit can be connected to various types of video input signals including the iCAM100 video camera & also other types of CCTV cameras.

A 24VDC power output is available to power the iCAM100 camera or alternative types of equipment including other manufacturers CCTV cameras.

Extronics team of experienced engineers can also provide solutions to customise the iVID101 with such features as the inclusion of video multiplexing for full and quad screen views as well as the addition of push buttons for pan, tilt and zoom controls. Please contact our engineering department to discuss customised solutions.

Features and Benefits

High Quality Colour Display

12.1" TFT LCD, 300cd/m²
Brightness, Resolution SVGA 800x 600

OSD Setup

Buttons mounted inside the enclosure for advanced picture quality setup during commissioning

Large Window Viewing Area

300 x 200 mm

Flexible Mounting Options

Wall, panel or skid mountable

Multi Signal Input Options

VGA, composite video (PAL/NTSC) & S-Video. Auto input signal detection

Specification

Certificate Number	CESI 01 ATEX 027
Certification Type	ATEX II 2 GD Ex d IIB+H2 T5 (Tmax 100°C)
Dimensions	Enclosure 432 x 332 x 229 mm (w x h x d) Enclosure Window 300 x 200 mm (w x d)
IP Rating	IP66
Ambient Temperature	0°C to +40°C
Enclosure Material	LM6 epoxy painted marine grade aluminium
Maximum Resolution	SVGA 800 x 600
Display Area	246 x 184.5 mm (w + h)
Video Input	AV (PAL/NTSC), VGA, S-Video
Display Colours	262k
Cable Entries	Four M20 entries as standard, other options & cable glands are available on request
Power Supply	Input 90 - 263VAC, 50/60 Hz. 24VDC, 1.1A output available to power the iCAM100 or other equipment.
Approximate Weight	24Kg

Ordering Information

Description

iVID101 Monitor

Part Number

iVID101

Contact Extronics for further options

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