

Dutch design & production

N-Line Panel Mount

Panel Mount monitors are built-in monitors and can be flush-mounted into a desk or recess. The options 'Touch Screen' and 'Embedded board' make Panel Mount monitors suitable as an HMI module.



Panel:

Display	19.0 inch
Active area HxV	376.32x301.06
Aspect ratio	5:4
Resolution	1280x1024
Viewing angle U/D/L/R	89/89/89/89
Contrast ratio	900
Native Brightness (cd/m ²)	330
High Bright ¹ - option	1500

Video inputs:

HDMI	V
DVI-D	V
VGA	V
CVBS (BNC)	V

Power input:

12VDC (Desktop PSU 115/230VAC)	V
9~36VDC (Galvanic isolated)	O (2p screw)

Touchscreen:

Resistive (USB & RS232)	O
Projected capacitive (USB or RS232)	O

Environmental:

Operating temperature (°C)	-10 to 70
Protection rate front (IEC 60529)	IP65

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Controls:

On-front dimming	x
External dimming	O
Light Sensor Auto Dimming	x
RS-485 NCOM	O
NControl	O

Certificates:

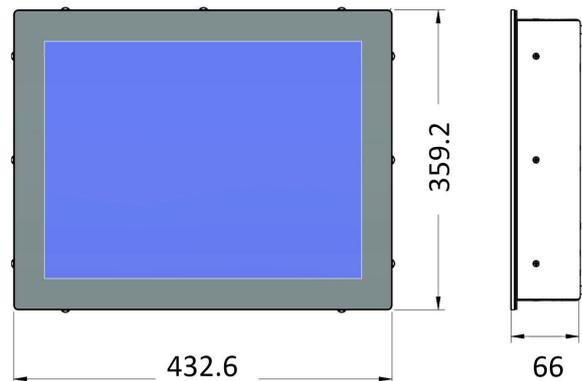
CE	V
IEC60945	x
DNVGL	x

Optional enhancements:

High Bright LED ¹	O
Anti Glare Glass ²	O
Optical Bonding ³	O

Dimensions:

Unit WxHxD (mm)	432.6x359.2x66
Packaging WxHxD (mm)	800x550x180
Weight (without options) (kg)	6,5
Weight (incl. all options) (kg)	7,7
Weight (incl. packaging) (kg)	11,7



1) High Bright

The deployment of High Bright LED ensures that monitors can be read, also in case of extremely bright (sun)light. Where a standard monitor provides about 400 nits of light output, the upgrade to high bright LED could achieve 1500 nits or more. This option is often applied in combination with Optical Bonding.

2) Anti Glare Glass

Anti Glare glass is a float glass with a high resolution and no reflective effect. The glass is almost free from any bothersome reflection. It is suitable as a mountable lens for high resolution screens and premium displays.

3) Optical Bonding

During Optical Bonding a gel coating is applied between the LCD surface and the glass. As a result, the lack of extra light refraction becomes the main feature, in addition to the advantages of absence of dust and moist, as also resistance to vandalism. Another major advantage is the faster heat drainage. In terms of image, the contrast and brightness are enhanced. A clear image is created when a combination is made with one of the other techniques.