

Dutch design & production

N-Line VESA Mount

N-Line VESA mount monitor for industrial use.

The N420D monitor is made of metal with a full glass front. As such, the monitor is waterproof at the front.



Panel:

Display	42.0 inch
Active area HxV	0.4845x0.4845
Aspect ratio	16:9
Resolution	1920x1080
Viewing angle U/D/L/R	89/89/89/89
Contrast ratio	4000
Native Brightness (cd/m ²)	500
High Bright ¹ - option	On request

Touchscreen:

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

Environmental:

Operating temperature (°C)	0 to 50
Protection rate front (IEC 60529)	IP65

Video inputs:

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

Power input:

12VDC (Desktop PSU 115/230VAC)	x
9~36VDC (Galvanic isolated)	O
Internal 110-230VAC	V

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Controls:

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

Certificates:

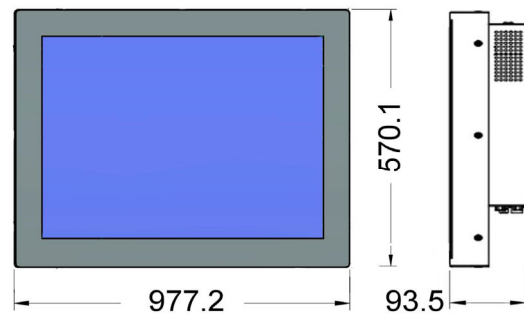
CE	V
IEC60945	x
DNVGL	x

Optional enhancements:

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

Dimensions:

Unit WxHxD (mm)	977.2x570.1x93.5
Packaging WxHxD (mm)	1150x800x220
Weight (without options) (kg)	31.5
Weight (incl. all options) (kg)	32.0
Weight (incl. packaging) (kg)	36.0



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.

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