

NA25N0001

Available versions: 15" integrated displays (CRYSTAL 45)

Please contact our official dealer for your Country to choose the most suitable configuration for your project.

CRYSTAL 24: 8.4" integrated bridge



The brand-new CRYSTAL 24 integrated bridge is the very last revolution in the field of displays. It is based on a solid background of system integration expertise, sea-going experience, and innovative engineering. It is composed by 3 touch screen displays physically integrated in one glass console which features a very high-tech, modern and elegant design. CRYSTAL 24 has been designed specifically for use in marine environments and combines 3 true glass touch 8.4" VGA displays with high brightness screen technology for extremely clear colours also under direct sunlight.

The product offers premium display solution for luxury cruising. It is based on true glass and it can be flush mounted into the vessels helm of dashboard with no protruding bezel, button or knobs.

The solution is optimal for strong sunlight or unfavourable light conditions and offers bright colours, wide viewing angles and excellent contrast. Engineered with bonded glass touch screen to eliminate condensation, minimize glare, and provide superior viewing experience.

Available features:

- 3 x 8.4" 600 cd/m2 high brightness colour displays
- 3 High-resolution native VGA (640 x 480) displays with excellent contrast and a wide viewing angle
- DVI-D Video Input ports
- USB Device interfaces (Touch screen interface)
- USB Host ports from internal Hub to further extend external Video Multiplexer functions.
- Rugged and IP65 front protection
- True Glass Projective capacitive Touch Screen with AR coating

The CRYSTAL 24 Display supports the most common functionalities of the modern Monitor system:

- True glass touch front panel AR coating and Bonded with display
- Resistant aluminum enclosure
- ON/OFF touch-keys
- OSD (3 touch-keys control for each display)
- Dimming 1:100

Official Dealer:
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Display

Type:	TFT
Resolution:	640 x 480 pixel
Active display area:	8.4" diagonal (for each panel)
Colors:	64K
Backlight:	CCFL
Brightness:	600 Cd/mq typ.
Dimming:	Yes

Front panel

Design:	glass
Touch screen:	True glass Projective Capacitive
User LEDs:	1 (for each panel)
OSD:	Yes
Power:	ON/OFF touch pushbutton

Interfaces

N° 3 USB Device ports:	Host version 2.0
N° 6 DVI-D ports:	LVDS single link
N°3 USB Host ports:	Device version 2.0

Ratings

Power supply voltage:	9 ÷ 32 Vdc
Current consumption:	1,8A at 24 Vdc
Fuses Number:	Automatic

Environmental conditions

Operational temperature:	-10 ÷ +55 °C (vertical mounting)
Storage temperature:	-30 ÷ +85 °C
Operative and storage humidity (RH%):	5 ÷ 85% RH non-condensing
Protection class:	IP65 (front)

Dimensions

Faceplate:	706 x 203 x 59,5 mm
Cutout:	691 x 188 mm
Weight:	7,8 Kg

Approvals

CE:	EN 60945 Marine
DNV:	In progress

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