



TOUCH
SCREEN



DAYLIGHT
READABLE



SUNLIGHT
READABLE



FRONT PANEL
WATERPROOF



EXTENDED
TEMPERATURE



MARC - Indoor / Outdoor Marine Displays

Panel Mount / VESA

Superb touch-screen solution for demanding indoor or outdoor marine applications. Panel mount waterproof display with high or ultra-high brightness for daylight or direct sunlight visibility.

Waterproof and reliable

Locomarine™ MARC displays are primary designed for panel mounting. They are built to withstand harsh marine environment like where humidity, salinity and high or low temperatures occur. Enclosure is made from durable aluminum and sealed on front side and screen edges. Locomarine™ indoor displays are water and dust proof to IP 65 rating (*front panel only*) with Locomarine™ NZBN™ chemical protection applied. Some models in range are prepared for operating in extended temperature range.

Daylight readability

Locomarine™ displays are built in many different size: 10, 12, 15, 17, 19 and 20 inch. With backlight of 300-1000 NIT and contrast of 500-800:1 (*depends on model*) they will be readable even under direct sunlight condition.

Touch-screen technology

Both models are equipped with resistive touch screens for easier operation under high seas or anywhere else where usage of mouse or similar pointing devices is not possible.

Ambient Light Sensor

Models from 15-20 inch has built-in smart light sensor that will detect the amount of ambient light and auto-adjusts the brightness of the screen. That will reduces the power consumption, extend backlight lamp life and provide more comfortable viewing.



MARC marine displays are primary intended for indoor or outdoor panel mount.



MARC marine displays are designed to IP65 water and dust proof rating (*front panel only*).

MARC - Indoor / Outdoor Marine Displays

Specifications

MARC-10

Screen: 10" **Resolution:** 800x600 px **Backlight:** 400 NIT
Contrast: 500:1 **Viewing angle:** 120° / 110° **Ambient light sensor:** no
Remote control: no **Size:** 312x242x53 mm **Weight:** 3 kg
Input video connectors: D-Sub 15 pins VGA type

MARC-12

Screen: 12" **Resolution:** 800x600 px **Backlight:** 400 NIT
Contrast: 500:1 **Viewing angle:** 140° / 110° **Ambient light sensor:** no
Remote control: no **Size:** 340x260x58 mm **Weight:** 3.8 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins

MARC-12 XT (Extended temperature range)

Screen: 12" **Resolution:** 1024x768 px **Backlight:** 450 NIT
Contrast: 700:1 **Viewing angle:** 160° / 160° **Ambient light sensor:** no
Remote control: no **Size:** 340x260x58 mm **Weight:** 3.3 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins
Operating environment: -30 ~ +70°C, 95% relative humidity
Storage environment: -40 ~ +80°C, 95% relative humidity

MARC-12 UB (Ultra-bright, extended temperature range)

Screen: 12" **Resolution:** 1024x768 px **Backlight:** 1000 NIT
Contrast: 700:1 **Viewing angle:** 130° / 120° **Ambient light sensor:** yes
Remote control: no **Size:** 340x260x58 mm **Weight:** 3.3 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins
Operating environment: -10 ~ +60°C, 95% relative humidity
Storage environment: -20 ~ +70°C, 95% relative humidity

MARC-15

Screen: 15" **Resolution:** 1024x768 px **Backlight:** 350 NIT
Contrast: 400:1 **Viewing angle:** 120° / 100° **Ambient light sensor:** yes
Remote control: yes **Size:** 410x309x65 mm **Weight:** 5.2 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins, S-Video,
Component, Composite

MARC-15 XT (Extended temperature range)

Screen: 15" **Resolution:** 1024x768 px **Backlight:** 450 NIT
Contrast: 700:1 **Viewing angle:** 160° / 160° **Ambient light sensor:** yes
Remote control: yes **Size:** 410x309x65 mm **Weight:** 6 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins
Operating environment: -30 ~ +70°C, 95% relative humidity
Storage environment: -40 ~ +80°C, 95% relative humidity

MARC-15 UB (Ultra-bright, extended temperature range)

Screen: 15" **Resolution:** 1024x768 px **Backlight:** 800 NIT
Contrast: 600:1 **Viewing angle:** 150° / 110° **Ambient light sensor:** yes
Remote control: no **Size:** 410x309x65 mm **Weight:** 6 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins
Operating environment: -10 ~ +60°C, 95% relative humidity
Storage environment: -20 ~ +70°C, 95% relative humidity

MARC-17

Screen: 17" **Resolution:** 1280x1024 px **Backlight:** 300 NIT
Contrast: 500:1 **Viewing angle:** 140° / 130° **Ambient light sensor:** yes
Remote control: yes **Size:** 452x356x56,7 mm **Weight:** 7.5 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins, S-Video,
Component, Composite

MARC-19

Screen: 19" **Resolution:** 1280x1024 px **Backlight:** 300 NIT
Contrast: 700:1 **Viewing angle:** 140° / 130° **Ambient light sensor:** yes
Remote control: yes **Size:** 482x399x73 mm **Weight:** 9.6 kg
Input video connectors: D-Sub 15 pins VGA type, DVI-D 24 pins, S-Video,
Component, Composite

All models (EXCEPT IF OTHER NOTED)

Response time: 8-14 ms
Touchscreen: 5-wire Resistive, RS232
Construction material: steel, front panel - aluminum
Mounting: Panel, Wall, Stand and Arm (VESA 100 x 100mm)
Power requirement: 9-36 VDC
Shock: 10G acceleration peak to peak (11ms)
Vibration: -5 ~ 17Hz 0.1" double amplitude displacement / -17 ~ 640 Hz 1.5G
acceleration peak to peak
Operating environment: 0 ~ +50 °C, 95% relative humidity
Storage environment: -20 ~ +60 °C, 95% relative humidity
Waterproof and dust protection rating: IP 65 (front panel only)
Warranty: two years (limited)



Multiple I/O connectors for maximum connectivity.