greemarine®

AWM-1910

19" IP65 Sunlight Readable Marine Display

The AWM-1910 is a high-performance, rugged marine monitor, specifically engineered to survive the most demanding environments. Housed in a milled billet, powder coated, aluminum case, this slim-profile monitor is water tight when console mounted. Additionally, the power management efficiency and low heat design guarantee the stability and longevity required for mission critical deployment.

Main Features

- 1000 Nits Sunlight Readable LCD
- Long Life, Low Power Consumption LED Backlight
- -10°C~50°C Wide Operation Temperature
- Advanced Optically Bonded AR Glass
- Dim To Black (Potentiometer)
- IP-65 Waterproof Front
- 9~36V DC power input

Application:

- Marine

Specifications

LCD Display

Backlight
- 19" LED Backlight

Active Display Area
- 376.32x301.06 mm
- 14.8 x 11.8 in

Brightness
- 1000 cd/m^2

Resolution
- 1280x1024 (SXGA)

Contrast Ratio
- 900:1

Pixel Pitch (mm)
- 0.294(H)x0.294(V)

Viewing Angle
- 160°(H), 160°(V)

Display Color
- 16.2M

Response Time
- Tr 3.6ms / Tf 1.4ms

Inputs
- VGAx2, DVIx2, Composite x3, RS232x1

Picture in Picture
- 3 stages (quarter, split and wide screen)

Mechanical

IP Rating
- Fascial waterproof to IP65 standards when console mounted.

Construction
- Rugged Aluminum Alloy Chassis

Mounting
- Panel (Flush) mount, VESA mount

Dimension
- 421.9mm (W) x 375.5mm(H) x 56mm(D)
- 16.6in(W) x 14.8in(H) x 2.2in(D)

Net Weight
- 6.14 kg / 13.5 lbs.

Power

Voltage
- Operates on 12V and 24V systems

Power Consumption
- 40~45W / 3.8A (12V)

Environmental

Operating Temperature
- -10°C~50°C (14°F~122°F)
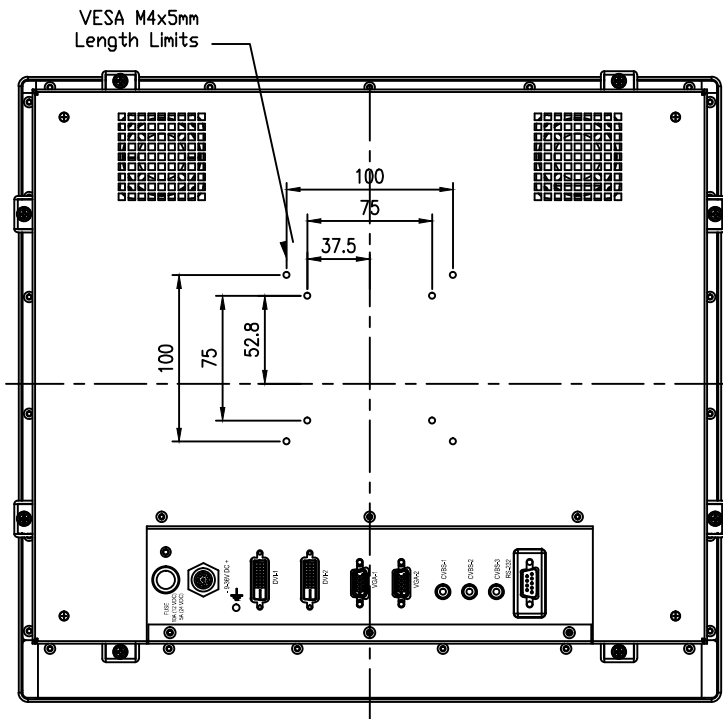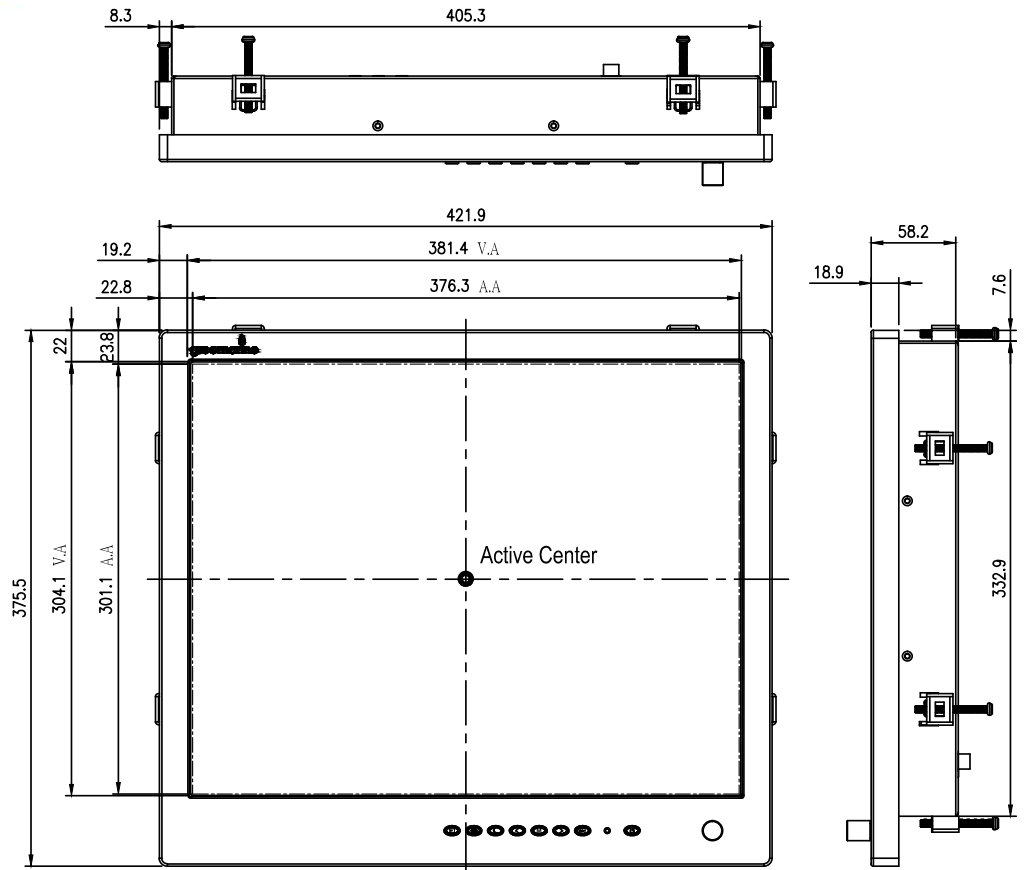
Non-Operating Temperature
- -20°C~70°C (-4°F~158°F)

Certification

- Designed to meet FCC Class A and IEC 60 945 specifications

Specifications are subject to change without notice.

A Better Way To Build Technology

Outline Dimensions
Unit: mm

8.3   405.3

421.9
19.2   381.4 V.A
22.8   376.3 A.A
58.2
18.9
7.6

22
23.8

375.5
304.1 V.A
301.1 A.A
Active Center

332.9

VESA M4x5mm
Length Limits

100
75
37.5

100
75
52.8

Ordering Information
AWM-1910

FUSE
FGMC1250VDC
5A×2A120VDC