



## AWM-1900

### 19" IP65 Sunlight Readable Marine Display

The AWM-1900 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 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<sup>2</sup>

##### 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

- VGx2, 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)

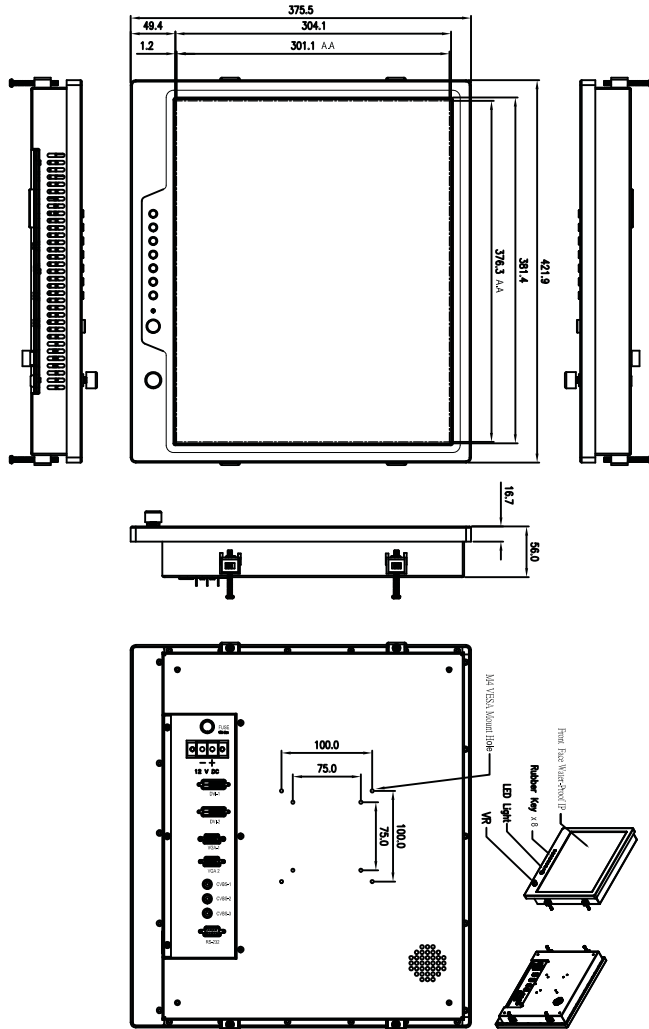
#### Certification

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

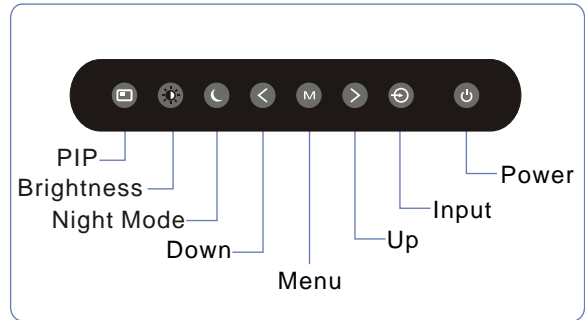
Specifications are subject to change without notice.

## Outline Dimensions

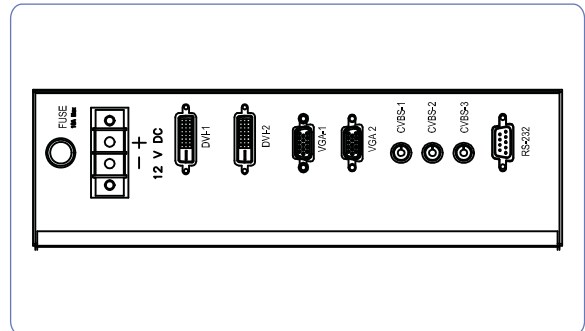
Unit: mm



## Control Button



## Connectors



## Ordering Information

AWM-1900