

## AWM-1200

### 12.1" IP65 Sunlight Readable Marine Display

The AWM-1200 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)
- IP65 Waterproof
- 9~36V DC input

#### Application:

- Marine

## Specifications

### LCD Display

#### Backlight

- 12.1" LED Backlight

#### Active Display Area

- 245.76x184.32 mm
- 9.6 x 7.2 in

#### Brightness

- 1000 cd/m<sup>2</sup>

#### Resolution

- 1024x768 (XGA)

#### Contrast Ratio

- 800:1

#### Pixel Pitch (mm)

- 0.24(H)x0.24(V)

#### Viewing Angle

- 140°(H), 140°(V)

#### Display Color

- 262,144

#### Response Time

- Tr 6ms/ Tf 17ms

#### Inputs

- VGAX1, DVIx1, Composite x3, RS232x1

### Mechanical

#### IP Rating

- Fascial waterproof to IP65 standards when console mounted

#### Construction

- Rugged Aluminum Alloy Chassis

#### Mounting

- Panel (Flush) mount, VESA mount

#### Dimension

- 297.2mm (W) x 256mm(H) x 56mm(D)
- 11.7in(W) x 10.1in(H) x 2.2in(D)

#### Net Weight

- 2.76 kg / 6.0 lbs.

### Power

#### Voltage

- Operates on 12V and 24V systems

#### Power Consumption

- 25~30W / 2.5A (12V)

### Environmental

#### Operating Temperature

- -10°C~50°C (14°F~122°F)

#### Non-Operating Temperature

- -20°C~70°C (-4°F~158°F)

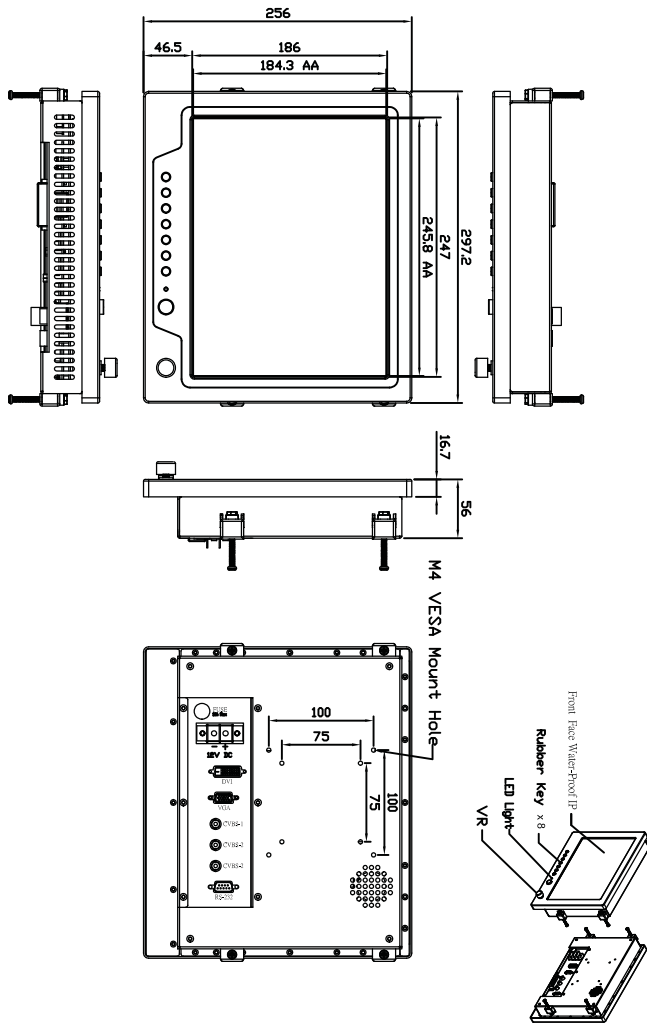
### Certification

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

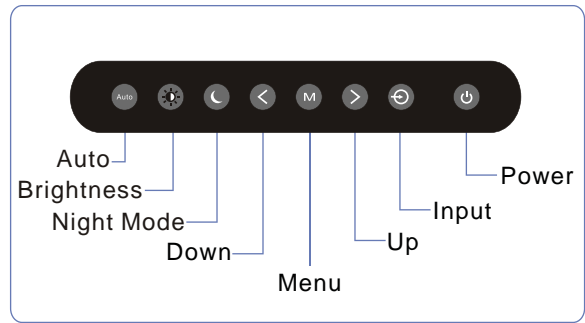
Specifications are subject to change without notice.

## Outline Dimensions

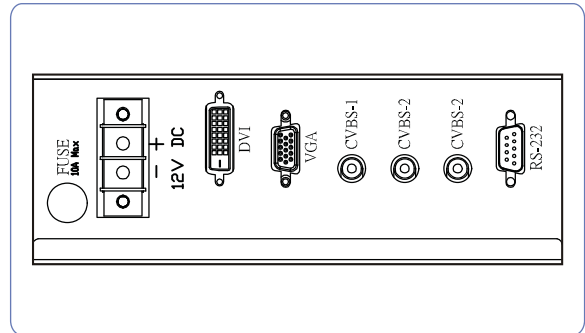
Unit: mm



## Control Button



## Connectors



## Ordering Information

AWM-1200