R19L300-MRA1

19" Marine Display

KEY FEATURES

- Dimming knob control backlight brightness from nearly 0% to 100%
- Transflective film technology enhance visibility
- IP66 aluminum housing with powder coating design (IP54 rear)
- 24 V DC to DC power input acceptable (Isolation Resistance)
- High quality touch screen / AR protection glass for option
- PIP(picture in picture) function and multi-video inputs
- Ease of use front panel OSD control, Marine Display
- Enhanced shock and vibration resistance

OVERVIEW

Reliable Computing Certified for Marine Applications

Winmate Marine Displays are built and tested according to DNVGL-CG-0339 Standard, IEC60945, and IACS-E10 to meet the marine industry's international regulatory requirements. Winmate performs in-house reliability test to ensure optimal performance in harsh maritime environments.

Safe Sailing at Bright Sun, Dusk, and Night

To face the challenges of sailing in different conditions, Winmate Marine Displays suitable for day, dusk, and night settings. Our devices feature hyper dimming technology that can control backlight brightness linearly from nearly 0% to 100% by a dimming knob. Simultaneously, add an optional transflective film to enhance the visibility in an outdoor and bright ambiance environment.

Convenient Front Panel OSD Control, Dimming Knob and built-in Picture-in-Picture (PIP) function

All the controls are located on the front panel OSD for fast access anytime. The dimming knob allows controlling backlight brightness from nearly 0% to 100%, designed for marine industry applications. Winmate Marine Display with built-in Picture-in-Picture function allows you to view the contents of multiple input signal sources at the same time and to easily switch between them

Survives All Weather Conditions

The rugged mechanical design of the Winmate Marine Displays provides enhanced shock and vibration resistance. Also, the high power efficiency and low heat design guarantee the stability and longevity required for mission-critical deployment. Deploy Winmate Marine Display for your safe operations at sea in all weather conditions.

Peripheral Connectivity

Marine Display feature-rich I/O connectivity consists of one VGA, one DVI-D, one Composite, one S-Video, two COM ports. Easy to integrate into existing marine equipment.

SPECIFICATIONS

Display			
Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	400.0 nits

Display Color	16.7M Colors	**View Angles**	85,85,80,80
Active Area	376.32x301.06 mm	**Touch / Glass**	Resistive Touch Screen AR Glass (Optional)

Environment

Operating Humidity	5% to 95%	**Operating Temperature**	-15~55°C
Shock	15G,11ms duration	**Vibration**	0.7g@DNVGL CG-0339 (Class A)
IP rating	IP66 (Front Side)		

Certification

Certification	CE, FCC DNVGL-CG-0339, IEC60945 4th, IACS E10

IO Ports

Serial Port	1 x RS232 for Remote Control 1 x RS232/USB for Touch Screen	**Video**	1 x VGA 1 x DVI-D 1 x Composite 1 x S-Video

Mechanical

Dimension	483 x 444 x 75	**Weight**	9.2 kg
Mounting	VESA Mount/ Panel Mount	**Enclosure**	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design	**Cut out**	431 x 393 mm

Power

Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	**Consumption**	45W (Typical)

Accessory

Accessory	1 x User Manual. 1 x CD for Touchscreen Driver Tools. 1 x DVI Cable. 1 x VGA Cable. 1 x RS232 Serial Cable. 1 x S-Video Cable. 1 x Composite Cable.

Control

Button	8 key: Esc/PIP Auto adjustment Left Right/Source OK/Menu Up Down Power 1 x The Dimming Knob

DIMENSIONS   UNIT:MM

1 Power Input
2 RS232 for Touch
3 COM
4 VGA
5 DVI
6 S-Video
7 Composite
8 OSD Control Panel
9 Brightness Adjustment Knob

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