## Marine Approved, High Quality, Rugged Metal Construction Display

KME has 'Marinised' a high resolution TFT panel to suit the equipment rack format. Resolutions up to 1920 x 1200 pixels can be displayed with superb image quality. To aid installation, flexible mounting combinations include 100mm VESA standard fixings at the rear, and a separate mounting bracket for Control Desk or Overhead positioning. The 'Marinised' TFT Monitor is manufactured in full compliance with IACS E10.

Designed with ECDIS and Radar in mind and to specifically meet the stringent demands of Shock, Vibration, EMC, EMI defined in the IEC 60945 International Standard for Maritime Navigation and Radio communications Equipment & Systems. The monitor offers continuity by design for all Navigation and Ship Automation applications.

### Features

- The front is sealed to IP65 rating for water and dust resistance

- Advanced Deep Dimming 2000:1 - KME has developed a deep dimming solution for the marine range which provides smooth consistent dimming to 2000:1 (dim to black is available on request)

- Optional Touchscreen Integration - KME can offer a variety of touchscreen solutions for the marine range with either serial or usb interface

- Certified & Approved - The marine range is designed to comply with EN 60945 and EN 60950. In the case of the 17" and 19" monitors some are already certified and approved to these standards

- Array of mounting options - Mounting options include head, chassis, desktop, handheld, panel mount and rack mounted displays

- Inputs: All monitors have VGA (multiscanning), DVI and PAL. Power 90/265V AC. DC option available

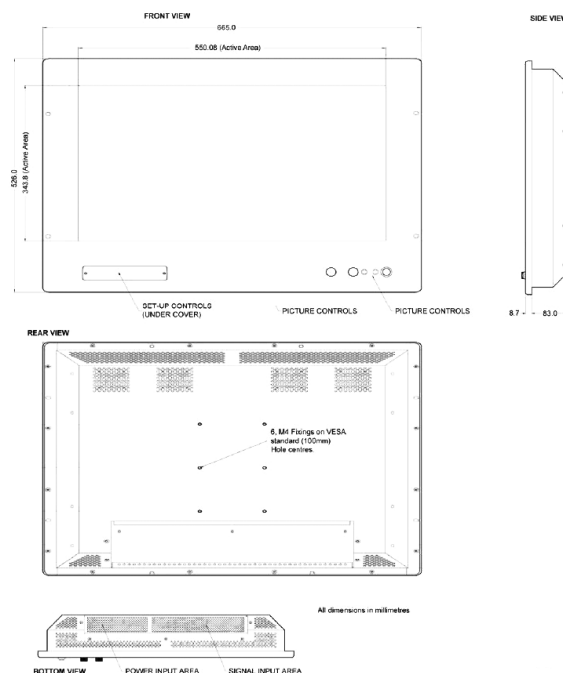## 26" Widescreen LCD Marine Rackmount Monitor 29LR263WA35MP



*Specifications: see next page*

## Specifications

| | | |
|---|---|---|
| TFT Charateristics | Type<br>Max. Resolution<br>Active Display Area<br>Response time<br>Contrast Ratio*<br>Brightness*<br>Viewing angles (at CR>10)<br>Backlight life<br>Nr. of colours | 26" Widescreen a-Si AM TFT<br>1920 x 1200 pixels<br>550.08 x 343.8mm<br>8ms<br>800:1 typical<br>500 cd/m$^2$ typical<br>178˚H, 178˚V<br>50,000 hrs typical<br>16.7 million |
| Video Signal | RGB 0.7-1.0Vp-p | |
| Composite Video Inputs | PAL/NTSC & SECAM with 'Picture In Picture' (PIP) facility | |
| Signal Sync | Separate H & V (=/ve) TTL | or Composite (-ve) TTL<br>or Sync - on - Green (-ve) 0.3V |
| Synchronisation Range | Horizontal scan<br>Vertical scan | 31-106kHz<br>60 to 85Hz |
| Display modes | VESA support | 640 x 480 VGA, 800 x 600 SVGA<br>1024 x 768 XGA, 1280 x 1024 SXGA<br>1600 x 1200 UXGA<br>1920 x 1200 WUXGA *(recommended)* |
| Power supply / cons. | 90-265V AC 50-60 Hz / 65W (Max) | |
| Environmental | **Operating Temp<br>Storage Temp<br>Operating Humidity<br>Storage Humidity<br>Shock<br>Vibration | -15 to +55 °C (IEC 60945 tests)<br>-20 to +60 °C<br>30% to 90% (non condensing)<br>10% to 90% (non condensing)<br>10g, 11msec ½ sine<br>+/-1mm, 2 to 13Hz: 0.7g, 13 to 100Hz |
| Dimensions | Monitor | 665(w) x 526(h) x 91.7(d)mm |
| | Weight | 16 kg approx. |
| Input Connectors | VGA 15 - WAY D, DVI, PAL / BNC, S-VIDEO | |
| Sealing | Front Panel IP65 | Housing: Aluminium |
| User controls | Front mounted | |
| Approvals | ECDIS & Radar Compliance<br>EMC & Safety<br>Marine Communications | IEC 61174 (Designed to comply)<br>EN 60950 (Designed to comply)<br>IEC 60945 (Designed to comply) |

## Part numbers

| | | |
|---|---|---|
| Model | 29LR263WA35MP/5 | |
| Ancillaries | Resistive touchscreen RS232<br>Capacitive touchscreen RS232<br>with resistive touchscreen USB<br>Stand bracket | 29LR263AR35MP/5<br>29LR263AC35MP/5<br>29LR263ARU35MP/5<br>29ST0014LR-3 |

*Specifications are subject to change without notice. The /x version behind the partnumber indicates the version number. This version number may vary because of a different TFT panel being used.*
*\* Brightness and contrast refer to naked LCD panel.*
*\*\*Quoted EN60945 test. We do not recommend routine operation at extreme temperatures*



- **Monitors**
  Desktop Monitors
  Large screen Monitors
  Custom-made Monitors
  19" Rack Mount Monitors
  Rear Mount Monitors
  Monitors for Panel Mount
  Monitors for VESA Mount
  Kiosks
  Accessories

- **Monitors – Specific applications**
  Stainless Steel Monitors
  Car Displays
  Marine Monitors
  Military Monitors
  Replacement Monitors
  Train Monitors

- **Panel PC's**
  High Performance Systems
  Custom made Panel PC's
  Low Power Systems
  Extreme environments

- **Pointing devices**
  Accessories
  Touchpads
  Trackballs
  Trackball Modules
  Joysticks
  Custom made Pointing Devices

- **Keyboards**
  Desktop Keyboards with or without pointer
  Built-in Keyboards with or without pointer
  Cables & Connectors
  Custom made Keyboards