

26" WIDESCREEN LCD MARINE RACKMOUNT MONITOR

29LR263WA35MP/5

DATASHEET

HIGH QUALITY, RUGGED METAL CONSTRUCTION

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.

SOLUTIONS FOR MARINE APPROVED MONITORS

- > **IP65 sealed**
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 constant 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, panel mount and rack mounted displays
- > **Inputs**
All monitors have VGA (multiscanning), DVI, composite video and S-video
Power 90/265V AC. DC option available



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Electrical Description		Mechanical Description	
TFT Characteristics:		Dimensions:	Monitor: 665(w) x 526(h) x 91.7(d)mm Weight: 16kg approx
Type:	26" widescreen a-Si AM TFT	Input Connectors:	VGA 15 - WAY D DVI S-VIDEO
Max Resolution:	1920 x 1200 pixels		
Active Display Area:	550.08 x 343.8mm	User Controls:	Front Mounted
Response Time:	8ms	Housing:	Aluminium
*Contrast Ratio:	800:1 typical	Sealing:	IP65 on front
*Brightness:	500cd/m ² typical	Approvals	
Viewing Angles (at CR>10):	178 ° / 178 °	ECDIS & Radar Compliance:	
Backlight Life:	50,000 typical	IEC 61174:	Designed to comply
No. Colours:	16 million	EMC & Safety:	
Video Signal:	RGB 0.7-1.0Vp-p	EN 60950	Designed to comply
Composite Video Inputs:	PAL/NTSC & SECAM with 'Picture In Picture' (PIP) facility	Marine Communications:	
Signal Sync:	Separate H & V (=ve) TTL or Composite (-ve) TTL or Sync - on - Green (-ve) 0.3V	IEC 60945:	Designed to comply
Synchronisation Range:			
Horizontal scan:	31-75 kHz		
Vertical Scan:	60-75 Hz		
Display modes:	640 x 480 VGA 800 x 600 SVGA 1024 x 768 XGA 1280 x 1024 SXGA 1600 x 1200 UXGA 1920 x 1200 WUXGA (recommended)		
Power Supply:	90/265V 50/60Hz	Part Numbers:	
Power Consumption:	200W (Max)		
Environmental: **Operating Temp:	-15 to +55 °C (IEC 60945 tests)	Ancillaries	
Storage Temp:	-20 to +60 °C	Monitor:	29LR263WA35MP/5
Operating Humidity:	30% to 90% (non condensing)	Resistive touchscreen RS232:	29LR263WAR35MP/5
Storage Humidity:	10% to 90% (non condensing)	Capacitive touchscreen RS232:	29LR263WAC35MP/5
Shock:	10g, 11msec ½ sine	Resistive touchscreen USB:	29LR263WARU35MP/5
Vibration:	+/-1mm, 2 to 13Hz: 0.7g, 13 to 100Hz	Stand Bracket:	29ST0014LR-3
**Quoted EN60945 test. We do not recommend routine operation at extreme temperatures			
* Brightness and Contrast refer to naked LCD panel			

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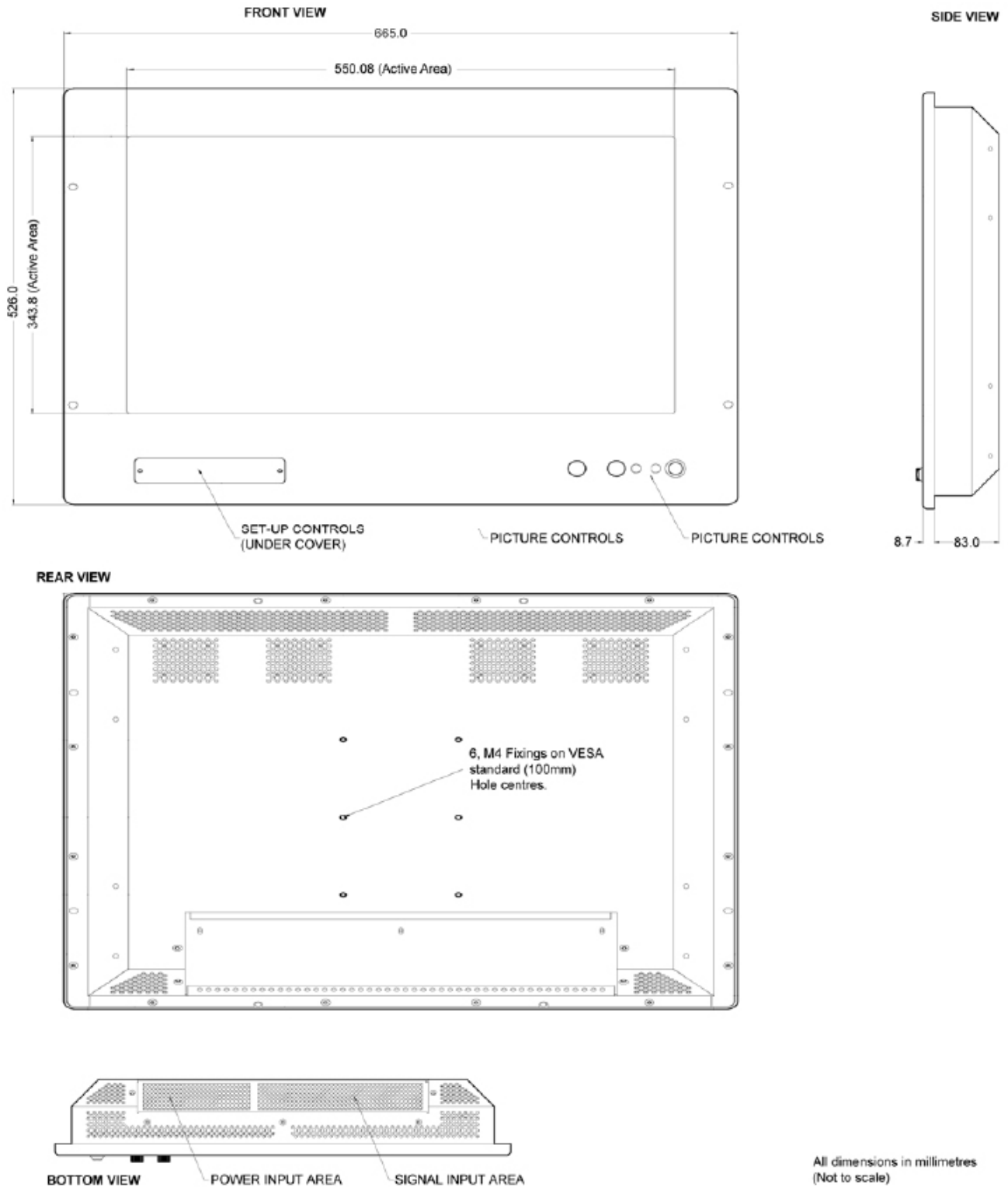
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