

52" WIDESCREEN LCD MARINE HEAD MONITOR

29LM523003

DATASHEET

HIGH QUALITY, RUGGED METAL CONSTRUCTION

The 29LM523003 Series of 52" LCD monitors has been designed primarily for external information applications in the maritime environment. They utilise WXGA TFT panels with KME designed mechanical enhancements to give superior image performance and ruggedness. The IP model provides additional sealing to IP65 in a rugged metal housing with glass protection making it suitable for sheltered outdoor applications.

Also available in sizes 40", 46" and 57" the high brightness and wide viewing angles enable superior image performance with rugged construction.

Full user controls are provided on the monitor head with the AC power supply integrated. The monitor is suitable for use with 16:9, 4:3 and 5:4 aspect ratio video; its multiple video inputs make it usable in a range of applications with simple interfacing to most video and data systems.



SOLUTIONS FOR MARINE APPROVED MONITORS

- > **Versatile Display Head**
- > **IP65 sealed housing with protective sunscreen**
The front is sealed to IP65 rating for water and dust resistance.
- > **Certified & Approved**
The marine range is designed to comply with EN 60945
- > **Inputs**
All monitors have VGA (multi scanning), DVI and PAL.
Power 110-220V AC.
- > **Widescreen (16:9) formats up to WSXGA resolution.**

52" WIDESCREEN LCD MARINE HEAD MONITOR

29LM523003

DATASHEET

Electrical Description		Mechanical Description	
TFT Characteristics:		Dimensions:	
Type:	52" a-Si AM TFT	Monitor:	1261 x 759 x 155 mm
Max Resolution:	1920 x 1080 pixels	Weight:	80kg (approx)
Active Display Area:	1152.0x 648.0 mm	Input Connectors:	HD 15 D-Sub / BNC
Response Time:	8ms average, typical		
*Contrast Ratio:	1700:1 typical	User Controls:	Rear Mounted
*Brightness:	600cd/m ² typical	Housing:	Aluminium
Viewing Angles (at CR>10):	175° / 175°	Sealing:	IP65 on front
Backlight Life:	50,000 typical	Approvals	
No. Colours:	16.7 million	ECDIS & Radar Compliance:	
		IEC 61174:	Designed to comply
		EMC & Safety:	
		EN 60950	Designed to comply
Synchronisation Range:			
Horizontal scan:	30-70 kHz		
Vertical Scan:	50-85 Hz		
Display modes:			
	640 x 480 VGA		
	800 x 600 SVGA		
	1024 x 768 XGA		
	1280 x 1024 SXGA		
	1360 x 768		
	1366 x 768 WXGA		
	1920 X 1080(recommended)		
Power Supply:	110/220V 50/60Hz	Part Numbers:	
Power Consumption:	420W Max		
Environmental:	**Operating Temp: -15 to +55 °C (IEC 60945 tests)	Monitor (Black finish):	29LM523003
	Storage Temp: -20 to +60 °C		
	Operating Humidity: 30% to 90% (non condensing)		
	Storage Humidity: 10% to 90% (non condensing)		
	Shock: 10g, 11msec ½ sine		
	Vibration: +/-1mm, 2 to 13Hz: 0.7g, 13 to 100Hz		
**Quoted EN60945 test. We do not recommend routine operation at extreme temperatures			
* Brightness and Contrast refer to naked LCD panel			

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trademarks acknowledged.

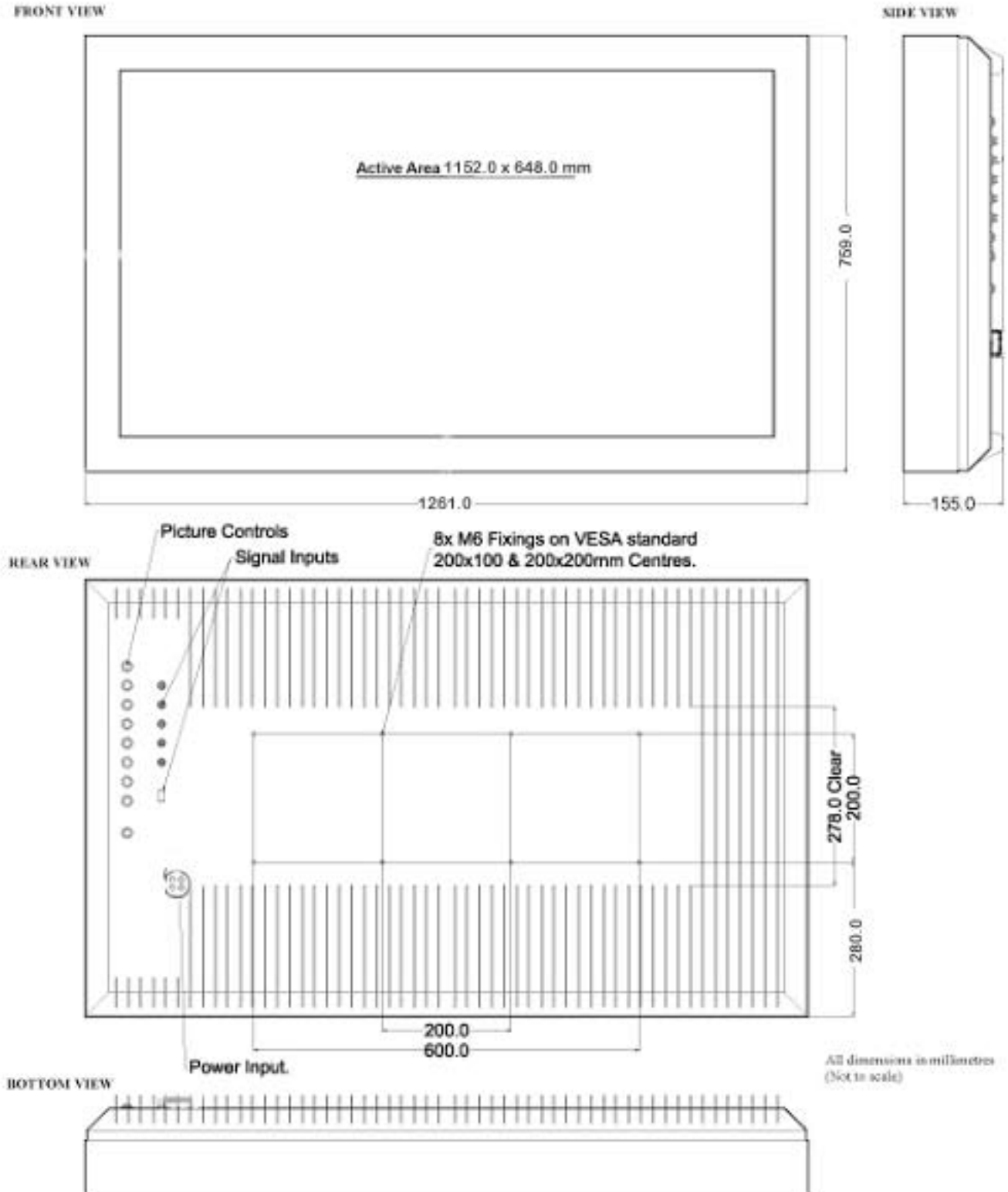
KENT MODULAR ELECTRONICS LTD
621 Maidstone Road
Rochester, Kent ME1 3QJ
T: +44 (0)1634 830123 F: +44 (0)1634 830619
E: sales@kme.co.uk W: www.kme.co.uk



52" WIDESCREEN LCD MARINE HEAD MONITOR

29LM523003

DATASHEET



KENT MODULAR ELECTRONICS LTD
621 Maidstone Road
Rochester, Kent ME1 3QJ
T: +44 (0)1634 830123 F: +44 (0)1634 830619
E: sales@kme.co.uk W: www.kme.co.uk

