

Marine Approved, Widescreen XGA Multiscan Capability

The 29LM463003 Series of 46" 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 32", 40" 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.

Features

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

46" Widescreen LCD Marine Head Monitor 29LM463003



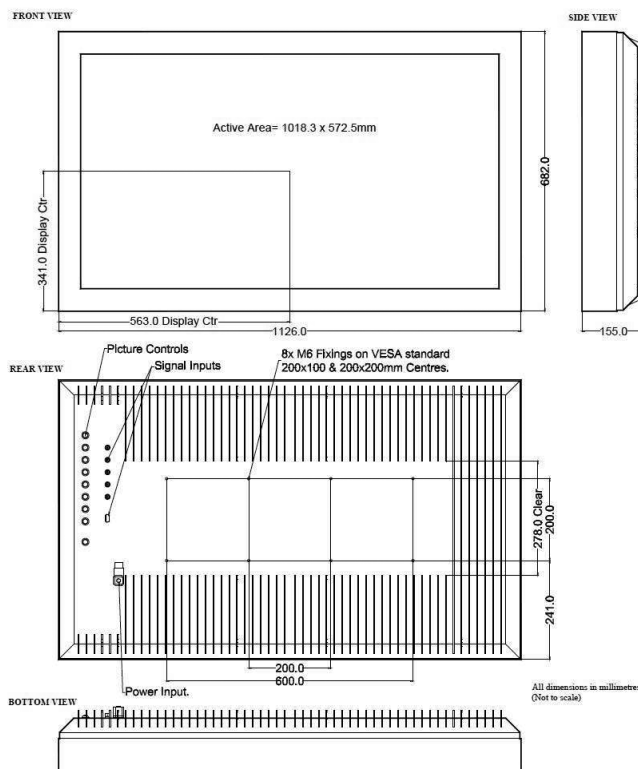
Specifications: see next page

Specifications		
TFT Characteristics	Type Max. Resolution Active Display Area Response time Contrast Ratio* Brightness* Viewing angles (at CR>10) Backlight life Nr. of colours	46" a-Si AM TFT 1366 x 768 pixels 1018.3x 572.5 mm 8ms average, typical 2000:1 typical 500 cd/m ² typical 178°H, 178°V 50,000 hrs typical 16.7 million
Synchronisation Range	Horizontal scan Vertical scan	30-70kHz 50 to 85Hz
Display modes	VESA support	640 x 480 VGA 800 x 600 SVGA 1024 x 768 XGA 1280 x 1024 SXGA 1360x768 1366x768 WXGA (recommended)
Power supply / consumption	110/220V 50/60Hz / 330W (Max)	
Environmental	**Operating Temp Storage Temp Operating Humidity Storage Humidity Shock Vibration	-15 to +55 °C (IEC 60945 tests) -20 to +60 °C 30% to 90% (non condensing) 10% to 90% (non condensing) 10g, 11msec ½ sine +/-1mm, 2 to 13Hz: 0.7g, 13 to 100Hz
Dimensions	Monitor	1126 x 682 x 155 mm
	Weight	65 kg (approx)
Input Connectors	HD 15 D-Sub / BNC	
Sealing	IP65 on front	
Housing	Aluminium (Black finish)	
User controls	Rear mounted	
Approvals	ECDIS & Radar Compliance EMC & Safety	IEC 61174 - Designed to comply EN 60950 - Designed to comply
Part numbers		
Model	29LM463003/x	

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



Mulder-Hardenberg, est. 1927, is the answer to professional demands in the domain of electronic related environments. We don't just sell products. We use our multidiscipline knowledge to provide the best possible solution, designed to your specific interest.

Contact details:

The Netherlands
Mulder-Hardenberg B.V.
Westerhoutpark 1a
2012 JL Haarlem
Tel.: +31 23 531 91 84
info.nl@m-h.biz

Belgium, France, Luxemburg
Mulder-Hardenberg N.V.
Hoge Weg 129
B-2940 Stabroek
Belgium
Tel.: +32 3 660 13 20
info.be@m-h.biz

Germany
Mulder-Hardenberg GmbH
Nordring 13
D-65719 Hofheim/Ts
Tel.: +49 6192 - 97 91 85
info.de@m-h.biz