

Marine Approved, High Quality, Rugged Metal Construction Display

The 29LM403003 Series of 40" LCD monitors has been designed primarily for information applications in the maritime environment.

They utilize 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 screen making it suitable for sheltered external usage. User controls and the AC power supply are integrated in the monitor head.

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
- 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

*40" Widescreen LCD
Marine Head Monitor
29LM403003*

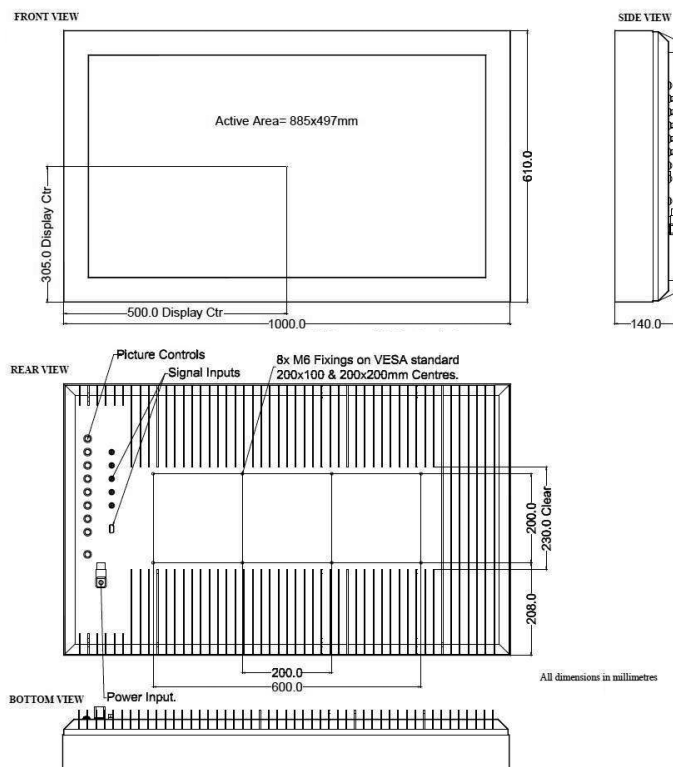
Specifications: see next page

Specifications		
TFT Characteristics	Type Max. Resolution Active Display Area Response time Contrast Ratio* Brightness* Viewing angles (at CR>10) Backlight life Nr. of colours	40" a-Si AM TFT 1366 x 768 pixels 885 x 497 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 480 800 x 600 1024 x 768 1280 x 1024 1360 x 768 1366 x 768 (recommended)
Power supply / consumption	110/220V 50/60Hz / 280W (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	1000 x 610 x 140 mm
	Weight	54 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	29LM403003/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



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