

High Quality, Rugged Metal Construction

New to KMEs marine range is the 40" Naval Chart Display. This monitor has a resolution of 1920 x 1080 and is designed as a table mount display.

Horizontal mounting needs additional and re-designed cooling compared to vertical mounting. Internal ducting and temperature sensing are used to minimise fan usage, whilst a 'submarine mode' is available that switches off all fans and reduces backlight to enable silent running for a restricted time.

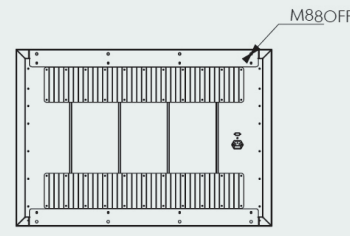
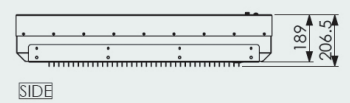
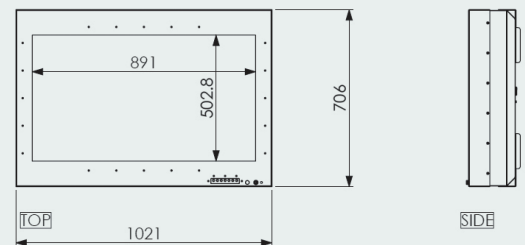
The use of high quality components, robust and lightweight casing, anti - glare safety glass, transfective enhancements and touch screen capability makes KME's monitors ideal for demanding applications.

Designed with ECDIS and Radar in mind, the range specifically meets the stringent demands of Shock, Vibration, EMC and EMI defined in the IEC 60945 International Standard for Maritime Navigation and Radio communications Equipment & Systems.

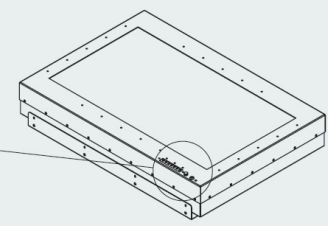
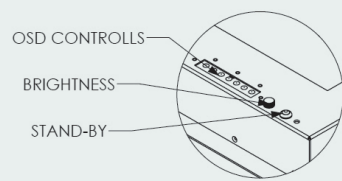
Features

- The front is sealed to IP65 rating for water and dust resistance
- KME can offer a variety of touch screen solutions for the marine range with either serial or usb interface. There is also the option of the display complying to MIL-STD-810/461
- The table is designed to comply with EN 60945 and ECDIS
- The display has 15WD and composite video

*40" Naval Chart Display Table
29LMC403A31MP*



BOTTOM



Specifications: see next page

Specifications			
TFT Characteristics	Max. Resolution Active Display Area Response Time Contrast Ratio Brightness Viewing angles (at CR>10) Backlight life Nr. of colours	1920 x 1080 pixels 891 x 502.8 mm 8ms 2000:1 typical 500 cd/m ² typical 178° 50,000 hrs typical 16 million	
Video Signal	RGB 0.71.0Vp-p		
Composite Video Inputs	PAL/NTSC & SEACAM with 'Picture In Picture' (PIP) facility		
Signal Sync	Separate H & V (+/ve) TTL	or Composite (-ve) TTL or Sync- on - Green (-ve) 0.3V	
Synchronisation Range	Horizontal scan Vertical scan	30 to 95kHz 50 to 85Hz	
Display Modes	VESA Support	640 x 480 VGA 800 x 600 SVGA 1024 x 768 XGA 1280 x 1024 SXGA 1366 x 768 WXGA 1920 x 1080 WUXGA (<i>recommended</i>)	
Power supply	90-265V AC 50-60 Hz		
Power consumption	280W (Max)		
Environmental	**Operating Temp: Storage Temp: Operating Humidity: Storage Humidity: Shock: Vibration:	0 to +50 °C (IEC 60945 tests) -20 to +60 °C 30% to 90% (non condensing) 10% to 90% (non condensing) 50g, 11msec, sine 1.5g, 10 to 300Hz	
Dimensions	Monitor	1021(w) x 706(h) x 206.5(d) mm	
	Weight	54 kg approx	
Input	HD-15 D-sub, BNC		
Housing	Painted aluminium		
Sealing	Front Panel IP65		
Approvals	ECDIS & Radar Compliance	IEC 61174	Designed to comply
	EMC & Safety	EN 60950	Designed to comply
	Marine Communications	IEC 60945	Designed to comply
Part numbers			
Model	29LMC403AC31MP		
Monitor & Touchscreen	29LMC403AC31MP		
Monitor, integrated PC & Touchscreen	29LMCP403AC31MP		

**Quoted EN60945 test. We do not recommend routine operation at extreme temperatures
Specifications are subject to change without notice.

• 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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