15" LCD Marine Rackmount PC Based Monitor 29LRD153A35PC/1

Marine Approved, High Quality, Rugged Metal Construction Display

KME have developed a high resolution TFT panel which is designed to withstand the maritime environment. The displays are IP sealed to withstand shock and vibration and are designed to comply with marine approved standards. The LRD range is a lower cost solution for the standard rack mount monitor, which uses multiple sheets of metal bonded together.

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.

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

Features

- The LCD monitor has been designed with solidity, being housed in a compact metal construction with a toughened glass protection screen
- The PC has a 1.5GHZ intel pentium processor with 1GB ram and 32GB compact flash or SATA drive
- The front panel is sealed to IP65 rating . There is also a RS232 control for brightness
- KME have developed a deep dimming solution for the marine range which provides smooth consistent dimming to 2000:1

Specifications: see next page

Specifications		
TFT Charateristics	Type Max. Resolution Active Display Area Response time Contrast Ratio* Brightness* Viewing angles (at CR>10) Backlight life	15" a-Si AM TFT 1024 x 768 pixels 304.1 x 228.1mm 20ms 450:1 typical 250 cd/m² typical 130°H, 130°V 50,000 hrs typical
Power supply / consumption	110/230VAC 50/60Hz / 50W (Max)	
Environmental	**Operating Temp Storage Temp Operating Humidity Storage Humidity	-0 to +50 °C -20 to +60 °C 50% to 90% (non condensing) 28% to 90% (non condensing)
Panel PC Features		
1.5GHZ Intel Pentium processor, 1GB ram and 32GB compact flash or SATA drive		
Rear control connectors:	4 x USB, Parallel port, serial port, LAN, VGA output, PS2 keyboard, PS2 mouse	
Front inputs	2 x USB	
Other		
Dimensions	Monitor	380 X 440 X 108 mm
	Weight	3 kg
Sealing	IP65 on front	
Housing	Aluminium	
Approvals	ECDIS & Radar Compliance EMC & Safety Marine Communications	IEC 61174 - Designed to comply EN 60950 - Designed to comply IEC 60945 - Designed to comply
Part numbers		
Model	29LRD153A35PC/1	

Specifications are subject to change without notice.
** 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 group

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.

Contactdetails:

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

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

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