

MK10 the new ECDIS for paperless navigation !

Compliant with the new IEC 61174:2008 Ed3 Standard

Electronic Chart Display and Information Systems MARIS Flat Panel Computer SmartLine MK10 19"

Specifications:

Display -

19inch TFT LCD SXGA (1280 x1024 pixels, brightness adjustable from 0-100%)
Active Display Area : 376.32(H)x 301.056 (V)mm
Charts : IHO /S-57 ed3 vector charts, ARCS raster charts, AVCS, ENC C-Map Cm93 ed3, C-Map CM – ENC

Computer -

Operation System: MS Windows XP Embedded Service Pack 3
Processor: Intel Core™ 2 Duo Processor,
System Chipset : Intel Q965 Chipset, 1GB DDRII, ACPI supported Memory slot,
Intel Q965 graphics GMA300 Optional VGA, Sata II controller (3,0Gb/sec)w/4 ports , Seagate 160GB ,2,5 ,5400RPM SATA II Drive HDD drive, 1x8XDVD+R/WRom DVD-Drive,3x PCI2 Slots 32 Bit, Full length,
1xSpp/EPP/ECP Parallel Port, Dual Gigabit LAN 19/1000Mbps, 4x USB Ports (2back,2 in front,) 2x Standard PS/2
Mini DIN Connectors' (Keyboard + Mouse)
Power supply : 300ATX, 90-264 VAC Auto ranging (49-64 Hz)
Power Consumption: 180 W

Physical Dimensions - 513,2 (W)x444,4 (h)X

152(D)mm, 18,3 kg.

Operation temperature: 0 to +60 deg C, Storage -20 to +60C,
Humidity 8% to 95 %.

Approvals - CE, Weelmark/(EU) and IEC 60945, fully compliant with the IMO Resolution A817(19): 1995, IMO resolution MSC.64(67) Annex 5:1996.IHOS-57 and S-52 Styandards, IEC 61174:2008 Ed3 and IMO A.817(19)Appendix A.7:1998.



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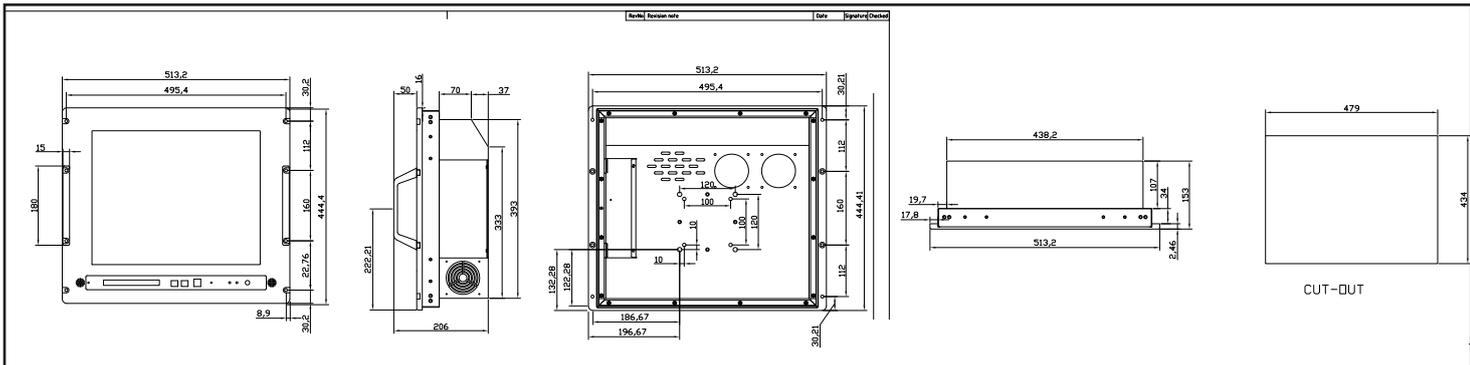
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SmartLine Flat Panel Computer MK10 19"



- Compliant with the new IEC 61174:2008 Ed3 Standard
- Update of ENC /Arcs by e-mail or Internet using MDS
- Online ordering of electronic chart (MDS)
- CBT Installed for training of crew
- Advanced passage planning
- Radar overlay
- Total tide integrated
- Weather forecast displayed on the ECDIS, Navtex interface
- Lloyds Fairplay date base integrated.
- Weather routing (optional)
- Conning display

Dimension drawings -



Standard delivery -

- 11037 Computer, Flat Panel ECDIS, Smartline Mk10
- 10292 ECDIS900 Software License
- 10054 Serial card Moxa 4P- 422/485, CP-134U-I V2 w/Isolation, DB9M
- 10193 Connector D-SUB Female 9P
- 10186 Housing for D-SUB 9P
- 10226 Dongle Sentinel SuperPro 797 (Tiny) Parallel
- 10779 Documentation CD
- 10072 Keyboard Cherry US/English, PS2 Black

Options (highlights) -

- 10073 Keyboard OP2000 Console Mounted
- 10074 Keyboard OP2000 Desktop Mounted
- 10167 UPS, MGE Pulsar Extreme 700C DNV Cert.
- 10784 Power supply conditioner Pulsar CT 12
- 10369 Pedestal short for MK6 & MK10
- 10602 Pedestal long, stem assembly complete
- 10283 PC Radar Kit Mk 4.1
- 10153 Interface UGI-417 Gyro/Log
- 10373 Interface Radar Video, Seamaster
- 10183 Splitter/buffer NMEA, 1-4N 1-to-4 isolated.
- 10382 Switch Network, Linksys 5-Port
- 10429 Plug RJ45 with screen, 8 pins
- 10347 Installation



MARIS is a limited company with head office in Tonsberg, Norway, a recognised centre for maritime information technology. The company has delivered thousands of navigation systems to customers all over the world. The majority owner of the company is the Grieg Group (www.grieg.com)

The Grieg Group has its beginnings in a long and proud maritime tradition. Today, in addition to shipowning and shipbroking, the group is engaged in fish farming and processing, global logistics, insurance and asset management, employing 1500 people.

MARIS roots go back to the start of the maritime information technology explosion in the mid 1960 's. MARIS is a system house with world-class experience in maritime on-board systems. Innovative engineering from people in MARIS has added several 'world 's firsts' to the global list of milestones. Among them our 'Wheelmark 'certified ECDIS and PC radar/ARPA, IEC 69945 certified Flat Panel Computer and S-VDR/ECDIS COMBO.



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