

- 3.11 AIS
 - Tracking: 5/10 pts on all activated targets
 - Vector time: Off, 30 s, 1-60 min
 - Display capacity: 350 targets,
 - Tracking: 5/10 pts on all activated targets
 - Vector time: Off, 30 s, 1-60 min
- 3.12 Radar map 20,000 pts
- 3.13 Acquisition zone 2 zones
- 3.14 Interswitch function Selectable from menu

4 MONITOR UNIT

- 4.1 Screen type 19-inch color LCD, 1280 x 1024 (SXGA)
- 4.2 Brightness 450 cd/m² typical
- 4.3 Visible distance 1.02 m nominal
- 4.4 Radar effective diameter 282 mm

5 INTERFACE

- 5.1 Number of port (processor unit)
 - Serial 7 ports (IEC61162-1/2: 2 ports, IEC61162-1: 4 ports, AD-10: 1 port)
 - Alarm output 6 ports: contact signal, load current 250mA
(Normal close/ open: 4, System fail: 1, Power fail: 1)
 - DVI output 2 ports: DVI-D, DVI-I or RGB picture data (for VDR)
(RGB resolution 1280x1024 (SXGA), 60.0Hz or 1440x900 (WXGA+), 59.9Hz)
 - LAN 2 ports: Ethernet 100Base-TX
 - RS-232C 1 port: brilliance control
 - Sub display (for ECDIS) 2 ports: HD, BP, Trigger and Video signal
- 5.2 Data sentences (IEC61162-1/2)
 - Input ABK, ACK, ACN, ALR, BWC, BWR, CUR, DBK^{*1}, DBS^{*1}, DBT, DDC, DPT, DTM, GGA, GLL, GNS, HBT, HDT^{*1}, MTW, MWV, OSD, RAQ, RMB, RMC, ROT, RTE, THS, VBW, VDM, VDO, VDR, VHW, VSD, VTG, VWR^{*1}, VWT^{*1}, WPL, ZDA
 - Output ABM, ACK, AIQ, ALC, ALF, ALR, ARC, BBM, DDC, EVE, HBT, OSD, RSD, TLB, TTD, TTM, VSD

^{*1}: for retrofit
- 5.3 Ethernet interface for IEC61162-450
 - Port (LAN2) 100Base-TX, IPv4, 8P8C connector
 - Data sentences Same as 5.2 sentences
 - IEC61162-450 transmission group
 - Input MISC, TGTD, SATD, NAVD, TIME, PROP
 - Output Arbitrary (default: TGTD)
 - Multicast address 239.192.0.1 to 239.192.0.16
 - Destination port 60001 to 60016
 - Re-transmittable binary image transfer
 - Multicast address 239.192.0.26 to 239.192.0.30
 - Destination port 60026 to 60030
 - Other network function excepted IEC61162-450
SNMP, HTTP, Syslog, Furuno Management Protocol (FMP)

- 5.4 Output port on antenna unit
Sub display (for radar) 1 port: HD, BP, Trigger and Video signal

6 POWER SUPPLY

- 6.1 Processor unit (w/ antenna unit)
100-230 VAC: 2.6-1.3 (3.9-1.7) A, 1 phase, 50-60 Hz
(): 42 rpm
- 6.2 Monitor unit 100-230 VAC: 0.7-0.4 A, 1 phase, 50-60 Hz
- 6.3 HUB (option) 100-230 VAC: 0.1 A max. 1 phase, 50/60 Hz
- 6.4 De-icer (option) 100-115/220-230 VAC: 2.6/1.3 A, 1 phase, 50-60 Hz

7 ENVIRONMENTAL CONDITIONS

- 7.1 Ambient temperature
Antenna unit -25°C to +55°C (storage: -25°C to +70°C)
Indoor units -15°C to +55°C (storage: -20°C to +70°C)
- 7.2 Relative humidity 95% or less at +40°C
- 7.3 Degree of protection
Antenna unit IP56
Processor/ monitor unit IP22
Control unit IP20
HUB IP20 (HUB-100), IP22 (HUB-3000)
- 7.4 Vibration IEC 60945 Ed.4

8 UNIT COLOR

- 8.1 Antenna unit N9.5
- 8.2 Processor unit N2.5
- 8.3 Control/ monitor unit N2.5
- 8.4 HUB N3.0 (HUB-100), N2.5 (HUB-3000)
- 8.5 Radar console 2.5GY5/1.5 (standard), 7.5BG7/2, 2.5G7/2, N7.5

9 PERFORMANCE MONITOR (PM-32A)

- 9.1 Frequency range 9380 to 9440 MHz
- 9.2 Input power +18 dBm to +30 dBm
- 9.3 Output power -21 dBm (1st pulse max. output), -41 dBm (1st pulse min. output)
- 9.4 Step level 8 to 12 dB (1st pulse to last pulse)