

Specifications

HSS – Hardened Storage Server:

Width overall:	Ø220 mm
Height overall:	350 mm
Weight:	15.8 kg
Power consumption:	12 W
Data Link:	Ethernet 100BaseT
Data Write Rate:	>20 Mbytes/second
Data Read Rate:	>20 Mbytes/second
Storage Capacity:	4 GB/ optional 8 GB
Impact shock	50 g half sine-wave pulse for 11 ms
Penetration	250 kg mass dropped 3 m impacting with 100 mm diameter pin
Fire exposure	1100 °C for 1 h and 260 ° C for 10 h
Deep sea pressure	30 days in sea water at 60 MPa (an equivalent depth of 6000m)

PSU – Power Supply and Switch Unit:

Width overall:	360 mm
Height overall:	199 mm
Depth overall:	230 mm
Weight:	12.1 kg
Voltage:	85-264 VAC (auto-sensing) / 24 V DC
Battery back up power:	2 hours standby after power loss
Power consumption:	100 W
Network ports:	8 network ports

WIM - Interface Module:

Width overall:	280 mm
Height overall:	107 mm
Depth overall:	230 mm
Weight:	5.5 kg
Battery back up power:	2 hours standby after power loss
Power consumption:	100 W
Network ports:	8 network ports

BCU – Bridge Control Unit:

Width overall:	140 mm
Height overall:	205 mm
Depth overall:	109 mm
Weight:	1.4 kg
Ethernet port:	RJ-45 user-access
NMEA serial ports:	2 off

Performance Standards

The KM4010 has been designed to comply with IMO regulations for VDR and (S)VDR and their relevant IEC91666(-2), IEC60945 and IEC61162 Performance Standards.

