

SeaLine-60

海用宽带VSAT卫星通信终端

SeaLine-60是专为远洋海事用户量身定制的小型船载卫星通信终端，可提供语音、

低速数据、高速数据以及视频传输等业务。

小型化的设备体积可广泛适用于商船、公务船、邮轮、游艇、

石油平台、远洋渔船等各类船舶。

SeaLine-60的主要特点

- 通过OCMA特有的扩展频率技术，获得更加小巧的终端尺寸和更高的可用性
- 小至70cm的天线罩直径，轻至39公斤的天线重量
- 安装简便快捷，无需大型吊装设备，维护非常简单
- 最高可达8Mbps的下行速率和2Mbps的上行速率
- 天然的系统通信体制优势，抗雨衰能力强，系统安全性高
- 舱外天线采用一体化防雨、防盐雾设计
- 增强型天线外壳和抗震结构，保证设备稳定可靠
- 兼容GPS和北斗导航定位系统
- 兼顾公务通信和个人通信，通过SeaLine的船员手机APP，实现多种互联网类应用，满足船员多样化的个人通信需求



室外单元

网络	宽带 VSAT 卫星通信网络
天线类型	船载三轴动中通天线
通信频率	Ku 频段
主要应用	语音、邮件、视频等网上应用
天线口径	60 cm
天线尺寸	直径 70 cm, 高度 80 cm
天线重量	39 kg
旋转范围	方位 : 720°, 俯仰 : -15° 至 120°
湿度	0 - 95%, 非冷凝
温度	工作温度 : -25°C — 80°C 存储温度 : -40°C — 85°C
电源供电	180 - 240VAC, 50 - 60Hz
功耗	150 W
安全性能规范	符合 IEC 60950 标准
电磁兼容规范	符合 ETS 300-342-3 相应标准



室内单元

数据接口	RJ45
最大上/下行速率	2Mbps / 8Mbps
湿度	95%, 非冷凝
温度	工作温度 : -40°C — 70°C 存储温度 : -55°C — 85°C
外形尺寸	435 * 250 * 45 mm, 1U
重量	2.0 kg
电源供电	110 - 240VAC, 50 - 60Hz
功耗	30 W

SeaLine-60

Broadband VSAT satellite communication terminal

SeaLine-60 is specially designed for the small shipborne satellite communication Terminal, which can provide voice, low speed, high speed data, Video transmission, etc..Small equipment volume can be Widely used in the merchant, business ships,cruise, Yacht, oil platform, offshore fishing vessels, etc..

SeaLine-60 Main features

- Smaller antenna size and more available system based on the unique extended frequency technology of OCMA.
- Antenna cover diameter is 70cm, antenna weight is 39kg.
- Easy and quick installation without large lifting equipment, and simple maintenance.
- The maximum uplink rate is 8Mbps and downlink rate is 2Mbps.
- Strong capability to resist rain fade and high system security due to the advantages of CDMA.
- Integrated cover designing of rain proofing and salt spray proofing
- Enhanced antenna cover and aseismic structure guarantee the stabilization and reliability of antenna.
- Compatibility of GPS and Beidou Navigation and Positioning System.
- System allows business and personal communications. It could integrate various Internet applications and fulfill personal communication requirements for sailors by the unique mobile APP – SeaLine.



Abovedecks Equipment

Network	Broadband VSAT satellite communication network
Antenna type	Shipborne three-axis mobile antenna
Communication frequency	Ku band
Main application	Voice, emails, video and other Internet applications
Antenna aperture	60cm
Antenna size	Diameter 70cm, height 80cm
Antenna weight	39kg
Rotating range	Azimuth: 720° , elevation: -15° to 120°
Humidity	0-95%, Non-condensing
Temperature	Working temperature: -25°C — 80°C Storage temperature: -40°C — 85°C
AC	50-60Hz, 180-240V
Power	150W
Safety performance specification	Comply with IEC60950
Emc specification	Comply with 300-342-3 ETS



Belowdecks Equipment

Data interface	RJ45
Maximum uplink/downlink rate	2Mbps/ 8Mbps
Humidity	0-95%, Non-condensing
Temperature	Working temperature: -40°C — 70°C Storage temperature: -55°C — 85°C
Dimension	435*250*45mm , 1U
Weight	2.0kg
AC	50-60Hz, 110-240V
Power	30W