

Intellian v130G

高效能Ku波段海事VSAT天线系统

3轴稳定平台、125厘米天线



■ 无需罗经辅助的卫星搜索功能

无需外接船舶罗经,可捕获和锁定卫星以达成快速设置和减少安装时间。罗经失效时系统仍可运作。

■ 宽的仰角范围

v130G的宽仰角范围设计 $-20^{\circ} \sim 120^{\circ}$,即使船舶行驶在赤道附近或极地时也能实现无缝信号接收。

■ 节省安装和维护时间

通过v130G简单友好的操作界面设计,无需依靠熟练的工程师,用户可自行安装和设置系统及操作。极高的可靠性,从而节约时间和维护费用。

■ Aptus 远程管理方案

可从世界各地远程接入内建Webserver接口,以达成有效的远端管理、操作、更新服务无远弗届。

■ 开放的平台兼容性

透过iDirect平台提供的OpenAMIP协议, v130G不但支援自动卫星波束切换(Auto Beam Switching)功能,并可兼容各种平台,如Hughes, Comtech 和SatLink等。

■ 优良的射频性能

为了实现优秀的增益和交叉极化隔离度, Intellian设计和制造了高性能的RF组建。

■ 网络连结功能

内建LAN接口,以达成同时有效控管所有连结在Intellian网络上的设备。

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Connect with the best

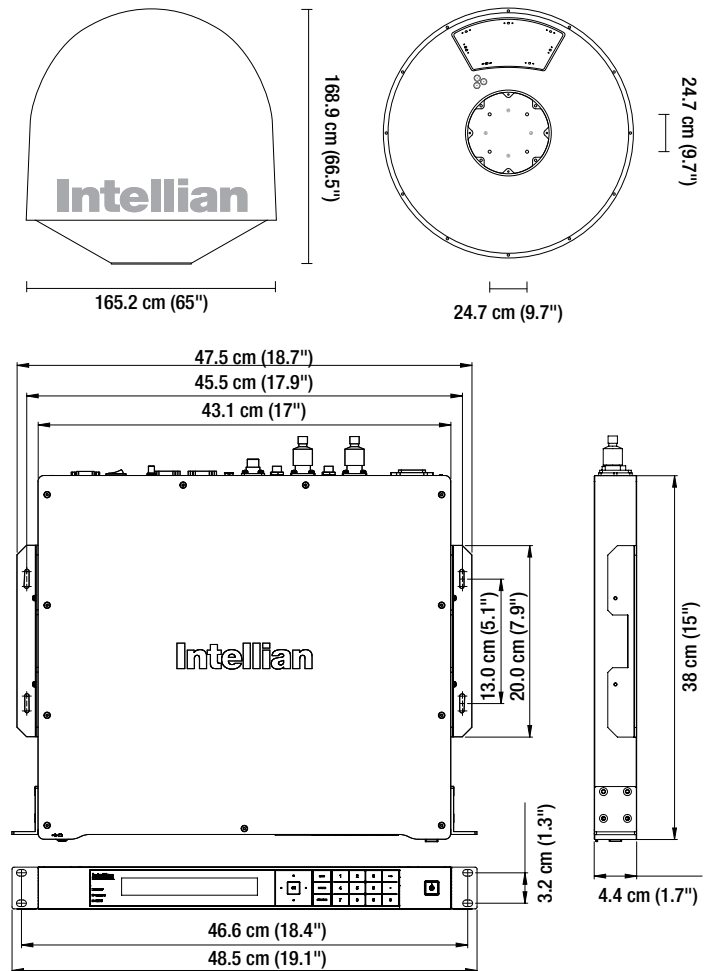
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125cm Ku-band 3-axis Marine Satellite Antenna Systems

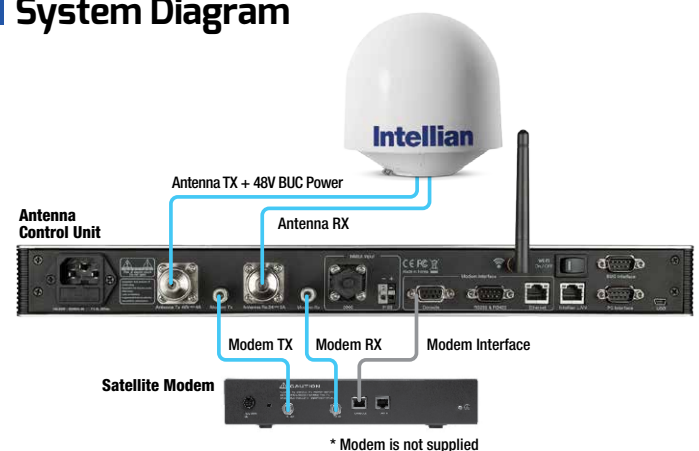
Technical Specifications

Physical	
Radome Height	168.9cm / 66.5"
Radome Diameter	165.2cm / 65"
Reflector Diameter	125.0cm / 49.2"
Weight	146.8kg / 323lbs (variable w/ RF components)
Stabilized Pedestal Assembly	
Platform	3-axis : Azimuth, Elevation, Cross-level
Azimuth Range	Unlimited
Elevation Range	-20° to +120°
Cross-level Range	Up to ±37°
Stabilization Accuracy	0.2° peak mis-pointing @ max ship motion condition
Motor Brake System	Elevation, Cross-level
Reflector & Feed Assembly	
TX Frequency	13.75~14.5GHz Ku-band
TX Gain	43.2dBi @ mid band
RX Frequency	10.95~12.75GHz Ku-band
RX Gain	42.1dBi @ mid band
G/T	> 20.4dB/K (Clear Sky, 30° Elevation)
BUC	8W, 16W (optional)
LNB	Intellian PLL LNB
Polarization	Cross-pol and Co-pol as standard
Antenna Control Unit	
Dimensions (WxDxH)	43.1cm x 38.1cm x 4.4cm / 17" x 15" x 1.7"
Weight	3.5kg / 7.7lbs
Display	2 line 40 character graphic VFD module
Gyrocompass Interface	NMEA / NMEA 2000
Modem Interface	Ethernet port / RS-232C / I/O ports
Modem Protocol	iDirect, Comtech, SatLink, Hughes, GILAT
Remote Management	Yes
Wi-Fi Operation	Yes
Management Port	Yes
Intellian LAN Port	Yes
Power Requirement	100~240V AC, 50~60 Hz, 4A

System Dimensions



System Diagram



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