

Appendix : i3/i3L Technical Specification

General	
Approvals	
CE – conforms to	EU Directive 89/336/EEC
FCC – verified to	CFR47:Part 15
Dimensions	
Satellite antenna unit	43cm (17") x 44cm(17.3")
Antenna dish diameter	37cm(14.6")
Antenna control unit	17.8cm(7")x21.7cm(8.5")x5.4cm(2.1")
Weight	
Satellite antenna unit	9kg (19.8 lbs)
Antenna control unit	1.2kg (2.6 lbs)
Environmental	
Operating temperature range	-15°C to +55°C (+5°F to +131°F)
Storage temperature range	-25°C to +70°C (-13°F to +158°F)
Humidity limit	95% R.H
Power requirements	
Power requirements	9~30 V DC
Power consumption	
Power consumption	Typ. 30W, Max. 50W

Antenna system performance	
Frequency	Ku-band (10.7 to 12.75 GHz)
Minimum EIRP	50dBW
Azimuth range	680°
Elevation range	+10° ~ +80°
Ship's motion	Roll ±25° Pitch ±15°
Roll and pitch response rate	60° per second
Turn rate	60° per second
