
Appendix : i4/i4P Technical Specification

General

Approvals

CE – conforms to	EU Directive 89/336/EEC
FCC – verified to	CFR47:Part 15

Dimensions

Satellite antenna unit	50cm (19.7”) x 54cm(21.2”)
Antenna dish diameter	45cm(17.7”)
Antenna control unit	17.8cm(7”)x21.7cm(8.5”)x5.4cm(2.1”)

Weight

Satellite antenna unit	11.6kg (25.6 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	9~30 V DC
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Power consumption	Typ. 30W, Max. 50W
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Antenna system performance

Frequency	Ku-band (10.7 to 12.75 GHz)
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Minimum EIRP	49dBW
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Azimuth range	680°
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Elevation range	0° ~ +90°
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Ship's motion	Roll ±25°
	Pitch ±15°

Roll and pitch response rate	50° per second
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Turn rate	50° per second
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