



TESTIMONIALS

'For Sky, the uPod is more than just an SNG, it's also an edit van and a crew car. We have uPods deployed around the UK and across Europe and uPod has been first on scene at some of the biggest stories over the past year. The reduced cost of running uPods allows us to have more SNG facilities spread over a wider area reducing response times so we get to major stories first. uPod has transformed the way we report news.'

Jackie Faulkner, Head of Operations, SKY News, UK

'ITN are extremely impressed by the ease of deployment and flexibility of the uPod system. The performance and reliability of uPod is outstanding and we set SIS LIVE a Service Level Agreement target of over 99.8% availability which they exceed month on month.'

Keith Cass, Director of Technology, ITN, UK

'We now operate uPods across Italy in Rome, Milan, Padua and Turin. It has changed the face of satellite newsgathering in Italy.'

Flavio Maspes, External Crews Manager, Sky ItaliaTG24



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uPod® SIZE IS EVERYTHING

uPod® is a totally integrated, yet compact SNG uplink system, that works seamlessly with any satellite capacity to enable broadcasters to effortlessly provide live HD or SD coverage on-demand.

uPod takes the headache out of fast-deployment SNG by combining compact cutting edge equipment, with an integrated bookings system and dedicated satellite capacity that empowers your news desk.

Available with a 0.75, 1.0 and 1.2m reflector, the cases of uPod are only 600mm wide x 335mm high x 640mm deep and weigh less than 23kg (50lbs) apiece.

uPod is flyaway capable and can be mounted onto any vehicles standard roof bars. Take it on a commercial flight as standard luggage, rent a vehicle wherever your destination might be, and immediately use it in automatic mode. Now that is flexibility in one small, perfectly formed package.



FEATURES

- Stunningly compact – the ultimate portable uplink system in form and function – in easy-to-carry ‘hostess’ style upright cases
- 0.75, 1.0 or 1.2m reflector
- Fully automated acquisition – lock onto any satellite
- Central booking system – controls the complete transmission process
- Simple to operate – minimum training even for novices
- Flight friendly IATA compliant – less than 23kg (50lbs) per case and accumulative dimensions of 1575mm (length + width + height)
- Full remote control – via satellite or IP
- Full manual control via software interface
- Efficient use of satellite capacity

TECHNICAL SPECIFICATION

UPLINK

Ka Band:	Tx 27.5 - 30GHz, Rx 18.2 - 20.2GHz
Tx Gain:	0.75m = 45.3dBi (typ), 1.0m = 47.8dBi (typ), 1.2m = 49.4dBi (typ)
Rx Gain:	0.75m = 42.1dBi (typ), 1.0m = 44.6dBi (typ), 1.2m = 46.1dBi (typ)
G/T @ 19.7GHz:	0.75m = 19.5dBk, 1.0m = 22dBk, 1.2m = 23.6dBk
Polarisation:	Circular, linear option
Ku Band:	Tx 13.75 – 14.5GHz, Rx 10.95 – 12.75GHz
Tx Gain:	0.75m = 39.2dBi (typ), 1.0m = 41.7dBi (typ), 1.2m = 43.3dBi (typ)
Rx Gain:	0.75m = 37.1dBi (typ), 1.0m = 39.6dBi (typ), 1.2m = 41.2dBi (typ)
G/T @ 11.2GHz:	0.75m 15.9dBk, 1.0m = 18.4dBk, 1.2m = 19.9dBk
Polarisation:	Tx linear (H/V), Rx Orthogonal to Tx
X Band:	Tx 7.9 - 8.4GHz, Rx 7.25 - 7.75GHz
Tx Gain:	0.75m = 34.4dBi (typ), 1.0m = 36.9dBi (typ), 1.2m = 38.5dBi (typ)
Rx Gain:	0.75m = 33.5dBi (typ), 1.0m = 36.0dBi (typ), 1.2m = 37.6dBi (typ)
G/T @ 7.4GHz:	0.75m = 11.5dBk, 1.0m = 14dBk, 1.2m = 15.5dBk
Polarisation:	Circular
Antenna:	Segmented 0.75, 1.0 & 1.2m motorised antenna Fully automated satellite acquisition and tracking
Communications:	IP connection
Controller:	Intuitive Windows based user interface (touch screen capable)
Power Consumption:	Less than 10 Amps fully redundant

BASEBAND

Video Standards:	NTSC or PAL Composite or SDI
Video Encoding:	MPEG-2 4:2:0 or 4:2:2
Video Inputs:	SDI/Composite (BNC)
Audio Inputs:	4 x Balanced line 2 x Mic (XLR)
Modulator:	DVB-S (EN 300 421), QPSK, 8-PSK & 16 QAM

FITMENT

Antenna Unit Weight:	From 50kg (110lbs) depending on options
Ground Mounting:	Mounting kit
Vehicle Roof Mounting:	Fits on standard roof bars

OPTIONS

Flyaway Cases:	ABS Plastic / Composite
Encoding:	HD MPEG-2, SD MPEG-4, HD MPEG-4
Video and Audio Monitoring:	RouteCase® - full HD/SD production studio
Fibre Link:	Allows controller and inputs to be remote from the uplink

**High Definition
MPEG-4
Windows Media
DVB-S2**