



SIS LIVE Links
2 Whitehall Avenue, Kingston, Milton Keynes, MK10 0AX, UK
tel: +44 (0)1908 865656

SIS LIVE OBs
Station Road, Langley, SL3 6DB, UK
tel: +44 (0)1753 588088

SIS LIVE Europe
62 Boulevard Garibaldi, 75015 Paris, France
tel: +33 960 123 356

SIS LIVE US
3312 Shorecrest Drive, Dallas, Texas 75235, USA
tel: +1 214 350 1309

sales@sislive.tv
www.sislive.tv

HD POD **360° REMOTE CAMERA**

The HD Pod camera system is a weatherproof, HD, RF Minicamera. It has a comprehensive PC based data control system for use in many challenging OB situations.

It provides a miniature HD pan/tilt camera system whilst being completely self contained, battery operated with its own HD radiolink TX and RF data control system.

HD Pod has a variety of uses across the OB spectrum, from specialist sports applications and remote wildlife filming, to innovative reality TV scenarios.



FEATURES

- HD
- Waterproof dome housing
- Digital HD radiolink included (2.5 GHz)
- Battery life - four hours
- 2kg weight with extended operation battery
- Stereo sound from inbuilt microphones
- Fully remote controlled via laptop and telemetry link
- 360° pan and $\pm 45^\circ$ tilt
- 10 x optical zoom
- Automatic/remote horizon control (z-axis)
- Full engineering control via telemetry link
- Zoom, pan/tilt, iris and horizon adjustment with laptop and joystick control
- Multiple camera control from one laptop computer

TECHNICAL SPECIFICATION

PRELIMINARY SPECIFICATION

Sensor	1/3" CMOS, 2M pixels
Lens	10 x zoom
Sensor S/N	>50db
White balance	Auto, manual, one touch, indoor, outdoor
Gain control	Auto, manual (-3db to + 18db)
Exp. control	Auto, Manual, shutter priority, aperture priority
Focus	Auto, manual
Video output	1080i/50Hz
Aspect ratio	16:9
Min. illumination	15 lux (@f1.8, 50 ire)

TRANSMITTER SPECIFICATION

Frequency range	2.0 – 2.4GHz
Output power	100mW
Bandwidth	8MHz
Modulation	DVB-T COFDM
Encoding	MPEG2
Tuning step size	1 MHz
Audio	Stereo analog in, mic level, MPEG1 layer 2 encode

DATA RECEIVER SPECIFICATION

Frequency range	450 – 470MHz
Bandwidth	12.5KHz
Sensitivity	-95dBm
Modulation	FSK
Data rate	1200 bps

AUDIO SPECIFICATION

Freq. response	20Hz – 20KHz
EAN	24dBA
Max. sound press	150dB
Sensitivity	1Mv/Pa

PAN / TILT / ROLL / ZOOM SPECIFICATION

Pan range	Continuous 360°
Pan speed (max)	100 deg/s
Pan control	Velocity
Tilt range	+40° to -20°
Tilt speed (max)	100 deg/s
Tilt control	Velocity
Roll range	+45° to -45°
Roll speed (max)	100 °/s
Roll control	Automatic compensation
Zoom range	10x
Zoom speed (max)	5 sec. end to end
Zoom control	Velocity

OVERALL / PHYSICAL SPECIFICATION

Dimensions	Height 180mm, diameter 160mm
Overall weight	1.9 kg (incl. battery)
Temp range	0 -50 °C
Run time	3 hrs
Fixing	Twinlock