



SIS 2, 3, 4, 5, 14, 15 Digital Production Uplink

A fleet of dual path, fully redundant, low cost trucks. Capable of small scale productions up to 3 cameras.

Small-scale, multi-camera production use for news, sports news or live events as examples. Used regularly to provide small-scale presentation add-ons to a host OB feed. Other OB transmissions for sports, live events, news, corporate clients. Live 2-way links using on-board receivers.

SPECIFICATIONS

VEHICLE

Mercedes Sprinter
Length: 6.8m
Width: 2.4m
Height: 3.1m

RF

1.5 metre SWE-DISH antenna with hi (11.3 GHz I.o.) and lo (10 GHz I.o.) band LNB
EIRP 69 dBW
Tx Gain (14-14.5 GHz) 45dBi
Rx Gain 43.2dBi
Oyster self-seeking off-air dish with multi satellite freeview receiver and Sky digibox.
2x redundant MCL 300Watt TWTAs
TANDBERG TT1260 receiver (BISS decryption)
3x TANDBERG E5740 encoder, MPEG 2, DVB-S, QPSK, BISS Mode1, 4:2:2/4:2:0, SD SDI/CVBS, integral IRD

COMMS

Raycom RTB Base Station
4x portable UHF rx/tx ICOM units
GSM cellphone with 4-wire breakout
P300 Paradise satellite comms modem
(up to 64k audio + 64k data)

ADDITIONAL FEATURES

3x CAMPLEX camera multiplex systems allowing 2-way video (send/return), pgm audio (mic or line), 2x comms audio feeds via one coaxial cable over up to 800 metres
LINK Research Radio camera kit giving wireless SD/Composite video plus 2 pgm audio capability over a robust and reliable diversity RF link

AUDIO

2 channel PPM audio monitor with 1x 8 input matrix
16 Channel MACKIE 1604-VLZ Pro audio mixer
(2x stereo o/p, 2x Aux o/p, 4x subs o/p)
4x analogue i/p into encoders (via router)
4x analogue o/p from IRDs
16x16 analogue audio router

VIDEO

3x SDI tailboard i/p
3x Composite (PAL/NTSC) tailboard i/p
2x SDI/Composite tailboard o/p (off-air, video returns)
16x16 digital router
Panasonic MX70 Digital Vision Mixer (up to 8 inputs, configured for 4)
VT playout/record to suit client requirements
1x 14" Murraypro LCD monitor
2x 14" quad split monitors
1x 9" CRT monitor

POWER

12kVA on-board generator
32A external power i/p via isolation transformer