



SIS 58 FULL PRODUCTION HD UPLINK

SIS LIVE's range of Dual Antenna High Definition Outside Broadcast trucks have been specifically designed to offer complete diversity and unparalleled transmission resilience.

SIS 58 contains two completely isolated fully redundant SD/HD transmission chains, redundant/independent and switchable power supplies (17.5 kVA generator) and comprehensive audio/video test and monitoring.

SPECIFICATIONS

VEHICLE

Mercedes Atego
Length: 8.5m
Width: 2.5m (add 2m for access steps)
Height: 3.6m
Weight: 8.6 tonnes

RF

2x 2.0m AVL antennas (Eutelsat/Intelsat/Astra registered)
Hi and Lo band LNBS plus additional co pol LNB on both dishes
4x 750w HPAs in a 2 + 2 fully redundant configuration
Max EIRP 75dBW
4x Ericsson E5788 MPEG2 Encoders. HD/SD, DVB/DVBS2, QPSK/8PSK, 4:2:2/4:2:0, Dolby E, BISS
2x Ericsson E8040 MPEG4 Encoders HD/SD DVB/DVBS2, QPSK/8PSK, 4:2:2/4:2:0, Dolby E, BISS
2x Ericsson RX1290 HD/SD MPEG2/MPEG4 DVB/DVBS2, QPSK/8PSK, Dolby E, BISS
2x Ericsson TT1282 HD MPEG2 DVB/DVBS2, QPSK/8PSK, Dolby E, BISS
0.75m AVL Antenna for iDirect IP via satellite
0.9m off air RX dish (Sky freeview receiver)

POWER REQUIREMENTS

17kVA integral generator with switchable UPS back-up to enable seamless transmission in event of external power loss
63A single or three phase (minimum 32A single phase)

VIDEO/AUDIO

Video inputs 6x HD, 2x SDI, 2x Composite
Audio inputs 8 analogue stereo pairs
8 channel HD/SD vision mixer
16 channel audio mixer

MONITORING

Video

Tektronics 7120 HD waveform monitor WITH Dolby E
2x 40" Quad Split HD
8x 9" HD
2x 8" HD (CRT)

Audio

2x Fostex speakers
TSL DolbyE embedded audio monitor unit
8 input Bel A2 Dolby Audio monitor
2x Wohler 24 I/P AUDIO MONITOR

PLAYOUT/RECORD FACILITIES

SONY DSR1500 (DVCam, DV, miniDV)
SONY HDW M2000P (HDCam Digi Beta, SX, SP, IMX)

COMMUNICATIONS

3x 8 Channel prospect talkback units
Vocality comms Mux
2x iDirect IP over satellite (series 3000 modems)
Comrex Audio over IP system (for ISDN compatibility)
Raycom duplex RT system with 8x icom radio handsets