

NEP 108, 109, 110, 113

Single Path, HD/SD Uplink, Hybrid – Fibre + Satellite Capable



Single path trucks with single camera input. Used regularly to provide small-scale add-ons to a host OB feed for sports, live events, news, corporate clients. The vehicles house a Nimbra 640 unit as well as retaining uplink capability (up to 18MHz). UPS, generator power back-up.

Vehicle

Mercedes Vito
Length: 4.9M
Width: 2.7M
Height: 2.4M
Weight 3.2 tonnes

RF

1.2M DriveForce Antenna with high (10.75GHz lo) and low (9.75 GHz l.o.) band orthogonal LNB's EIRP: 65.8 dBW
Tx Gain (14-14.5 GHz) 43.3 dBi
Rx Gain 41.2 dBi
1 x 180W Stellar HPA
1 x Ateame CM500 Encoder. SD / HD SDI / CVBS, MPEG 2 / 4, DVB-S / S2, QPSK / 8PSK, 4:2:0 / 4:2:2, 8 Audio pairs, BISS Encryption, 2 off ASI inputs.

Comms

1 x Raycom RTB Base station
2 x UHF Icom portable TX/RX radios
1 x GSM cell phone TBU with 4-wire
1 x PD25 Paradise Satellite comms' modem 1 x
Vocality voice mux
4 x Ext 4-wire inputs
1 off iDirect X5 modem

Video

1 x 12 x 12 digital vision router Black Magic video hub
2 x 22in quad split monitor
1 x SD / HD tailboard I/P's

Audio

1 x Audio mixer Sound Services Pre D
1 x 4 channel audio monitor
1 x 2 channel PPM audio monitor 1 by 6

Power

1 x 16A single phase
1 x 5.0 KVA on-board Generator