UKI-1693 SPECIFICATIONS

VEHICLE

Mercedes Sprinter
Vehicle registration: SNG 4K
Length: 6.8m, Width: 2.4m, Height: 3.1m, Weight: 4.5 t.

Eutelsat registration: UKI-1693
SES / Astra registration: G-20533
EBU registration: GBSNGB

RF

1.8 meters Advent antenna (Extended-KU)
2x 180w fully redundant stellar HPA's.
1 x Sencore 4 channel UHD encoder, 1080i / 1080p, MPEG4, HEVC. 4.2.2, 10 bit, SDR / HDR, BISS-CA encoding.
3 x Adtec EN100 encoders, SD / HD MPEG4 4:2:2 10 bit, DVB-S, DVB-S2, QPSK, 8PSK, 16APSK and BISS 1 encryption.
3 x Adtec RD71 decoders, MPEG2 / MPEG4 IRD, 1080i / 1080p / SD / HD MPEG 2 (4:2:0 / 4:2:2) MPEG 4 (4:2:0 / 4:2:2
1 x Ericsson RX8200 SD / HD receiver, DVB-S, DVB-S2 / S2X, QPSK, 8PSK, 16APSK, 32APSK, BISS1, RAS decryption.
80cm downlink antenna with FTA receiver (Skybox on request)
Gigawave clip-on COFDM HD radio link.
Clarke 7 meters mast for flying cables or remote RF.
Starlink internet terminal (on request)

AUDIO & VIDEO

2 channel PPM audio monitor with 1x6 input matrix
Dolby 8 channel digital audio monitor.
Blackmagic Hyperdeck 10 bit 4.2.2 SSD recorder.
Teranex video standards converter, PAL / NTSC / 1080i / 720p / 1080p
Blackmagic 4 channel HD-SDI vision mixer.
Blackmagic 16 way multiview.
Marshall audio and video signal monitor.
2 x 17" Blackmagic switchable monitors.
2 x 8" Blackmagic switchable monitors
1 x 19" multiview monitor.
2 x 8" tailgate monitors.
4 x 7" IRD monitors.
43" UHD TV / monitor and stand (on request)
1 x Sony multi format field monitor
Multiple blackmagic SDI / HDMI and audio converter boxes.
5 x 50m HD-SDI digital coax reels.
2 x 100m HD-SDI digital coax reels
1 x 50m XLR 4 channel cable reel
Multiple short and 20m XLR cables.
1 x Duplex audio fibre box (on request)
2 x Blackmagic SDI fibre boxes (2 more fibre boxes on request)
1 x 300m dual fibre reel (2 x 300m fibre reels on request)

COMMS

1 x Raycom RTB base station. (3 x UHF base stations on request)
6 x portable UHF icom radios (12 radios on request)
2 x stage IFB comms boxes with in-ear
3 x Peltor noise cancelling headsets (on request)
1 x Glansound GSM TBU providing 4 wire / IFB.
2 x VoIP phones providing 4 wire / IFB.
PD 10 satellite comms modem (high band BBC compatible)
Glansound 4G portable TBU.

POWER & LIGHTING

10 Kva (40 amp) on board generator.
3000 Va UPS used on all critical systems.
Multiple mains cables and mains adapters, 63A / 32A / 16A.
75m 16A mains reel (on request)
HMI, tungsten and LED lighting (on request)

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