

# UKI 491

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## Vehicle

Registration W2 SNG  
Make VW Transporter Syncro LW (Black)

Length 5.1m, 1.83m, Height: 2.28m  
Max Weight 2.8 metric tons, Diesel

**Generator** 6 kW Fischer Panda



## Satellite Registration

Eutelsat UKI 491  
Intelsat G 00303G  
SES Astra G 00491

## TX

Twin thread throughout  
2 x Xicom XT 400 HPAs  
Max EIRP 66 dBW  
Combining at L-Band

## Antenna

CML 1m Prime Focus Offset, Motorised  
2 Port, TX gain: 42 dBi

## Coders

Fujitsu IP9500e HD/SD MPEG4 DVBS2 up to 16APSK  
and DVBS, BISS  
Tandberg SD MPEG2 DVBS2

## Receive

Sencore HD/SD MPEG 4/2 receiver  
Paradise Sat Modem  
Dual Band LNB

## Truck Inputs

5 x HD/SD SDI. More if required  
Can handle composite video  
Analog audios to matrix and to audio mixer  
4-Wire and IFB connections



## Vision

16 x 16 HD/3G Matrix  
Vision Mixer HD/SD  
Panasonic AW-HS50 5 inputs with 2 channels of up-conversion  
Teranex up/down/cross converter and proc amp  
Various embedders, de-embedders, converters and problem solvers

## Fibre System

3-in and 2-out with 4 analogue audios in each direction  
300m fibre

## RadioCam/DigiLink

Link Research diverse COFDM system (SD)  
HD Cobham system available

## VTR

Hyperdeck Studio: ProRes, Avid and uncompressed recording  
P2 AG-HPG 10 replay machine  
DVCPro record, DVCam replay in SD. DigiBeta, SX and SP replay available

## Audio

Mackie 16-input mixer. 16x4x2  
De-Embedders, Embedders  
UHF Full-Duplex base station  
Walkie Talkies and Earpieces

## Comms

**Truck Primary IFB No. +44 (0) 7795 487 146**  
3xGSM, ISDN Codec, Paradise Satellite Modem.  
UHF base station