



# Outside Broadcast



**WIN NETWORK's High Definition, multi camera,  
OB Van will deliver the results you need.**

It is ideal for:

**Concert recording for broadcast, DVD or Bluray**

**Live "in Venue" video feed to big screens**

**Sporting events**

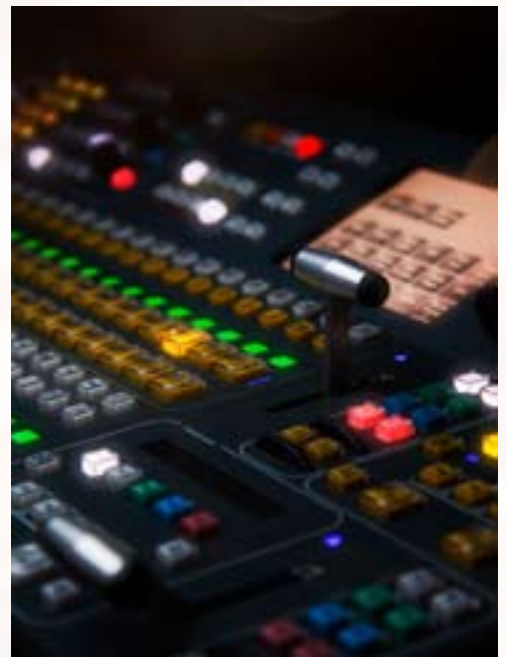
**Live Television broadcast**

**Locations that can't accommodate large OB trucks**



## OB Van Overview

High Definition Outside Broadcast Van wired for CCU control of up to 8 Cameras + extra 2 x HDSDI inputs for ENG style cameras.  
Total capacity 10 HD Cameras





## External Technical Information

**Van Width** 2800 mm.

**Van Length** 7151 mm.

**Van Height** 3725 mm.

### **Van Power Requirements**

3 Phase / R 3.4, W12.4  
B8.1 Amps with Aircon running.

### **Van Power Input Connector**

32 Amp Clipsal – 56A1532  
5 Pin Neutral.

### **Van Mains Lead**

32 Amp Clipsal – 56P32 to 32 Amp Clipsal 56CSC532.

### **Van Mains Adaptors**

20 Amp Clipsal – 56C520 and 10 Amp Clipsal 56C510.

## Main Production Area

**Control Area that seats three.**

**Producer Area that seats one.**

**High Definition Grassvalley Kayak HD200 production mixer.**

24 inputs.  
2 x M/E rows.  
1 Channel DVE per full M/E with 2d & Perspective.  
Make/Memo Macros.  
1 VK Framestore on each keyer bus.  
YUV colour correction on each video bus.  
2 Chroma keyers.

**Programmable video monitoring with programmable labelling**

**Viz RT 3D Character Generator.**

**Timecode locked clock.**

**Separately air conditioned.**

**2 x IRT Talkback Panels.**

**2 x RS422 VTR controllers.**

**2 x Selectable Computer screens (Viz, Final Cut Pro, Config PC).**



## **Audio**

**Seats one.**

**Yamaha 01V96 Digital Mixing Console.**

**Dynaudio Acoustics audio monitoring**

**8 digital AES/EBU inputs**

**16 analogue inputs.**

**8 digital AES/EBU outputs.**

**6 analogue outputs.**

**16x16 digital AES/EBU audio router.**

**External Compressor Limiter.**

**Digital to Analogue converters.**

**1 x digital AES/EBU CD player.**

**6 channel radio mike system.**

**1 x IRT Talkback Panel.**

## **Communications**

**8 station IRT communication system**

**2 IFB transmitters with 2 receivers each**





## **Technical / CCU / Tapes**

**2 CCU positions with up to 4 RCP's per position. 2 x WF monitors, 2 x preview monitors, wiring and monitors for up to 8 cameras.**

**HD/SD Router.**

**2 x Tektronix sync pulse generators with automatic change over supplying colour black, tri level sync for synchronizing all internal and external equipment.**

**Harris rasterizer for HD waveform monitoring.**

**HD LCD monitor.**

**Final Cut Pro Non Linear Editor. ( MAC PRO ) with 6TB raid 5 ext Hard Drive array**

**2 x Sony PDW HD1500 High Definition XD Cam disc recorders ( capable of 90 Minutes seamless HD 1080 422 recording . on 50GB media )**

**2 x Sony DVD / HDD recorders for Client reference dubs etc**

**Up-converter and synchronisation of 4 analogue video signals from tailboard.**

**Up-converter and synchronisation of 4 SDI video signals from tailboard.**

**Synchronisation of 2 x HD SDI signals from tailboard.**

**4 auxiliary outputs inclusive of 2 x analogue videos, 2 x SDI videos and 2 x HD SDI videos each.**

**3 x IRT talkback Panels.**

**Internal patch field for SD and HD SDI.**

**Separately air conditioned.**

## **Producer Area**

**Seats one.**

**1 x IRT talkback Panel.**

**LAN Connection.**



## Cameras/Lenses

### **3 x Grassvalley LDK 4000MKII High Definition camera chains.**

#### **Featuring :**

- 3 x 9.2 Million Pixels HD DPM+CCD's
- 1080i format resolution.
- 5 HDTV Viewfinders
- 14 bit A/D sampling.
- 34 bit digital signal processing

### **3 x Sony PDW700 HD cameras. With Telecast CopperHead High Definition fibre optic systems for full CCU control / talkback etc**

#### **Featuring :**

- 3 x 2/3inch Power HAD FX progressive CCD 1920x1080 effective Pixels.
- 1080i format resolution.
- 14 bit A/D sampling.
- Advanced digital signal processing.

#### **HD Lenses :**

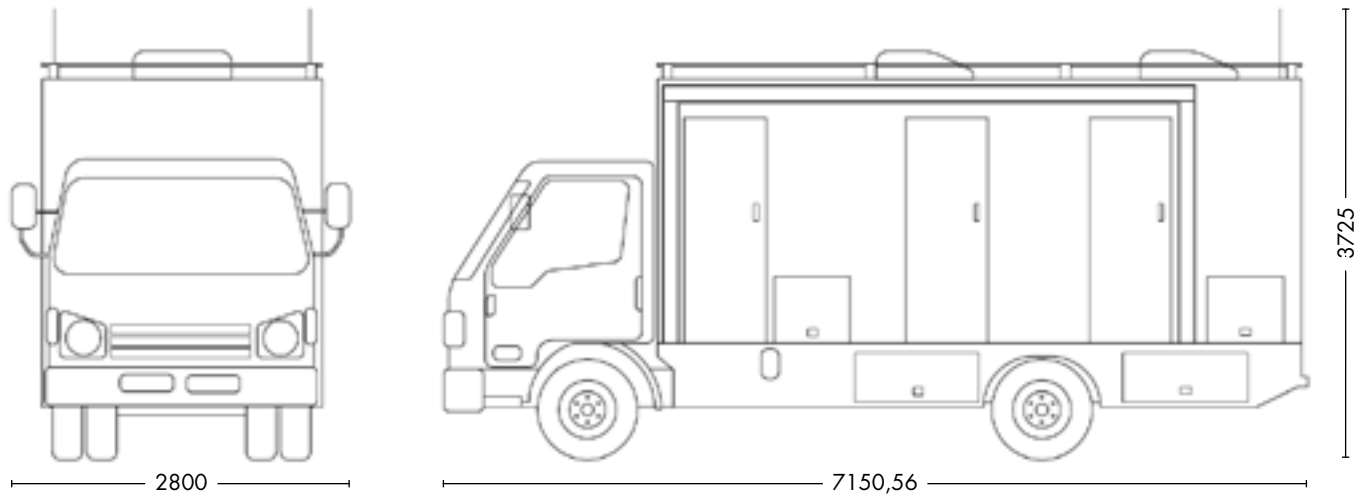
- 4 x Fujinon HA13x4.5BERD-548B (Wide angle lens with 2 times extender, 4.5 - 59mm, 13x)
- 2 x Canon KJ21EX7.6B IRSE (Standard lens with 2 times extender, 7.6 - 160mm, 21x)
- 2 x Canon KJ10EX4.5B IRSE (Wide angle with 2x extender, 4.5 - 45mm, 10x)

### **2 x Spare Triax Camera positions fully cabled.**

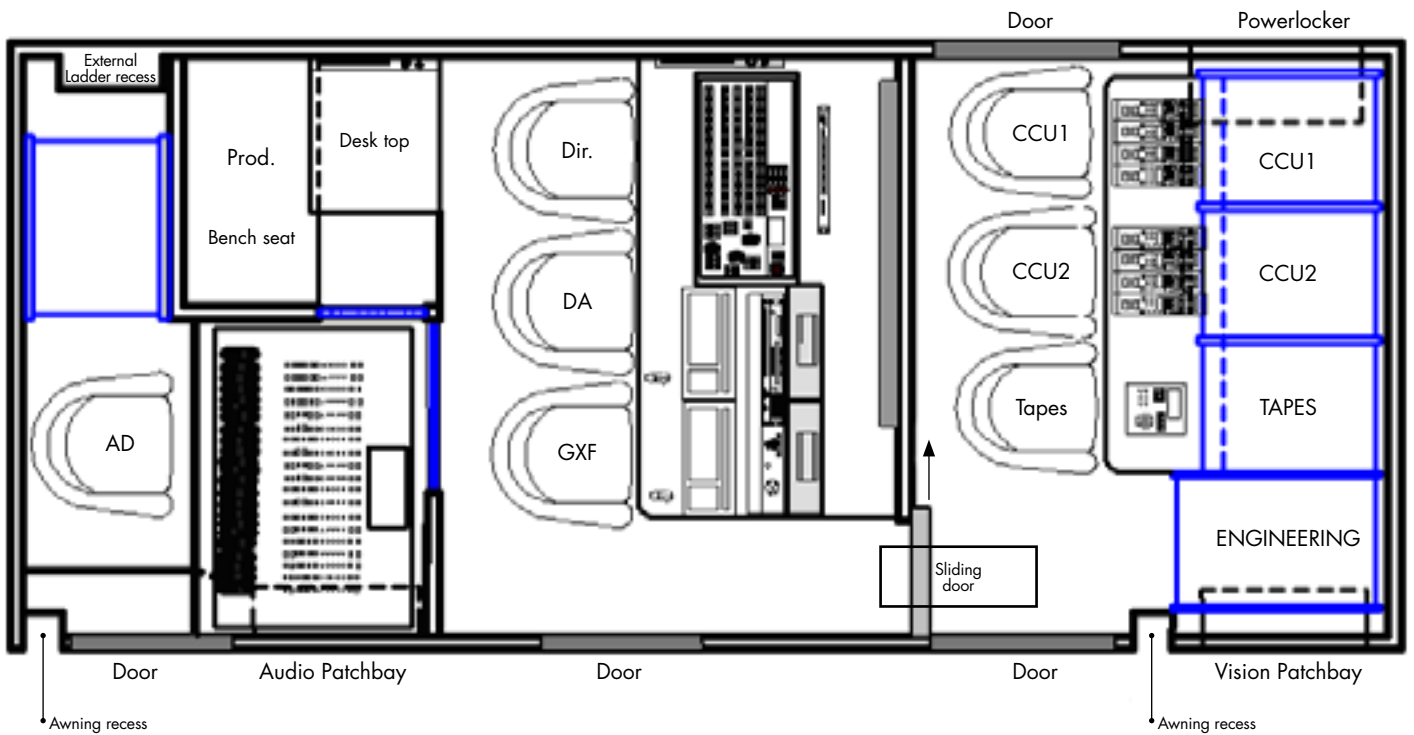




## Truck Dimensions



## Truck Layout





**Matthew Cable**

NSW Production Manager

t: +61 2 4223 4178 | m: +61 418 468 694 | e:cablem@winns.com.au

Television Ave, Mt St Thomas, NSW 2500  
Locked Bag 8800 Wollongong NSW 2500