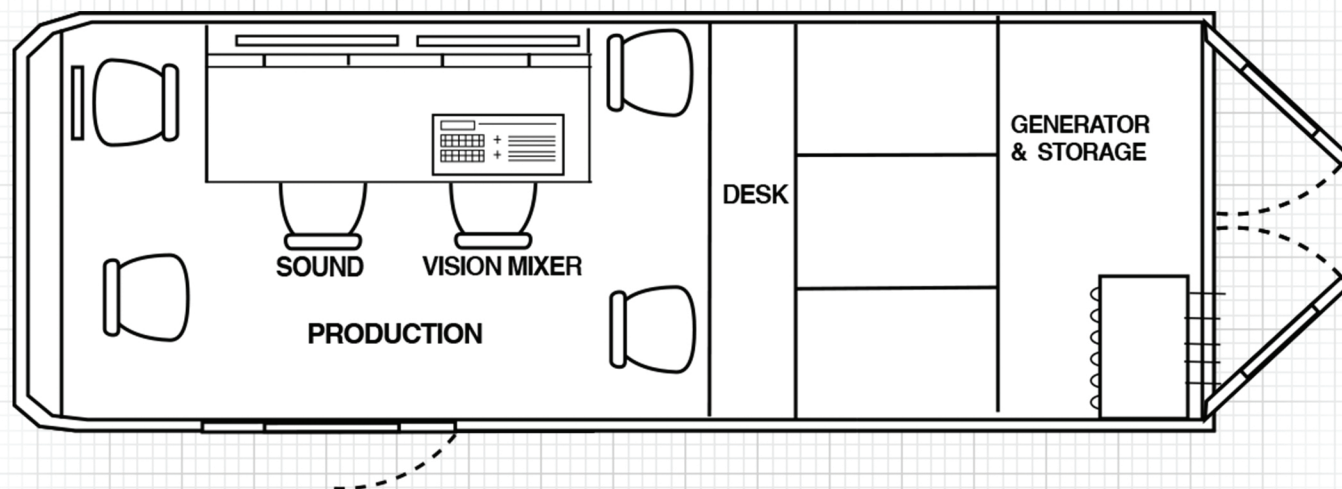


HD10 HIGH DEFINITION OUTSIDE BROADCAST UNIT



Vehicle

Length - 6.8m

Width - 2.4m

Height – 3.1m (dish stowed) 4.8m (dish operational)

Capability

4 camera production vehicle

Dual path fully redundant KU band uplink

Vision

3x SDI tailboard i/p

3x Composite (PAL/NTSC) tailboard i/p

2x SDI/Composite tailboard o/p (off-air, video returns) 16x16 digital router

Panasonic MX70 Digital Vision Mixer (up to 8 inputs, configured for 4)

VT playout/record to suit client requirements

1x 14" Murraypro LCD monitor

2x 14" quad split monitors

1x 9" CRT monitor

RF

1.5 metre SWE-DISH antenna

Oyster self-seeking off-air dish with multi satellite freeview receiver and Sky digibox.

2x redundant MCL 300Watt TWTAs

3x TANDBERG E5788 encoder, MPEG 2 HD/SD, DVB-S2, QPSK/8PSK, BISS encryption, 4:2:2/4:2:0

2x TANDBERG TT1260 receiver (BISS decryption)

Audio

2 channel PPM audio monitor

16 Channel MACKIE 1604-VLZ Pro audio mixer

4x analogue i/p into encoders (via router)

4x analogue o/p from IRDs

16x16 analogue audio router

GSM cellphone with 4-wire breakout

P300 Paradise satellite comms modem

Power

12kVA on-board generator

32A external power i/p via isolation transformer



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