



RF2, TIMELINE'S FLEXIBLE 4K RF UPLINK TRUCK

Timeline has designed and built a second 4K RF uplink truck named RF2. The purpose-built 5 Tonne 4K RF uplink truck provides a dual chain 1.8m Advent Newswift antenna, capable of delivering multiple HD and UHD uplinks. As well as being a traditional RF uplink truck, RF2 has been designed to be flexible and completely customisable to clients' needs. It can be used, for example, as a complete outside-broadcast unit, as a communications hub or as a newsgathering uplink truck.



EXTERNAL

- External mains input 1x 63A
- Weight 5t
- Length 7m
- Width 2m
- Height with antennas stowed 3.4m
- Side awning and rigging lights

UPLINK AND RF SYSTEM

- Built-in 1.8m Ku antenna with dual redundant 400W linearised amplifiers
- Second 2.4m antenna towed to provide dual antenna redundancy with its own dual redundant 400W amplifiers
- 1m auto seeking Ka antenna for remote data/video over IP
- D-Sat off-air auto seeking antenna
- 2x H.265 encoders
- 1x H.265 decoder
- 4x MPEG 4 5100 encoder/modulators
- 3x Ericsson RX8200 Receivers
- Provision for 8 radio cameras
- 8kVA generator and full UPS backup
- 9m mast

VISION AND AUDIO SYSTEM

- 128 port bi-directional SAM VEGA router
- 2x 16 way multiviewers
- Courtyard 4K TSG
- 2x Aja FS4's
- Large suite of 4K and HD monitoring
- KiPRO 4k recording and playout
- Phabrix Waveform monitor
- Dolby E monitoring
- Provision for 2 racks positions
- Analogue to digital audio converters

COMMUNICATIONS SYSTEM

- 1x Paradise satcom modem with provision for 4 total
- 2x COMREX BRIC LINK
- 2x GSM TBU
- 2x Riedel panels
- Provision for 4 Tait Radio talkback base stations
- Wireless internet with 4G backup

PRODUCTION AREA

- Comfortable seating for 5 people
- 2x 40 Inch 4K monitors
- 2x 22 Inch monitors
- Sony LED monitor