

WMVS-DT / WMVT-DT DSNG Ku-Band Uplink Truck Specifications



Vehicle:

Freightliner 3500 Sprinter Van with Frontline Ku-Band DSNG Conversion
Overall Length 23' Height 12' 6",

Uplink System (RF)

1.8 Meter AVL Technologies Model 1810K Carbon Fiber Uplink Dish
MCL 400 Watt Ku-Band VPC System:
MCL VPC RF System (Single Thread Redundant or Dual Thread)
2 - MT3400 400W Roof Mount Weatherproof TWT Amplifiers
2 - Miteq U-9956-6-1K Ku-Band Upconverters

Digital Encoders

3 - ADTEC EN-210 HD & SD Digital Encoder 4:2:0 / 4:2:2 with BISS encryption
Built in modulators to operate at QPSK / 8PSK / DVB-S2 modulation

Receivers:

1 - Sencore MRD3187B MPEG 2 & 4 HD & SD Digital Satellite Receivers with DVB-S2 & BISS
Solomend HD-PVR800 Blind Scan Digital Satellite Receiver

2 & 7 GHz Microwave System:

NuComm Newscaster VT-2, 2/7GHz Transmitter with NuComm Megablaster Transmit Antenna
VSB, COFDM, or Analog Transmission (QAM Available By Request)

Portable HD / SD Microwave Packages:

NuComm 2/7 GHz VSB, COFDM, or Analog Microwave Relay System (HD Available By Request)

Video Switching:

Pesa Ocelot 8x8 NTSC & Audio Router
Pesa Ocelot 8x8 HD & AES Router

Cameras Support:

Sony HDCU1500L Camera Control Unit
Available By Request:
1 - Sony HDC-950 Portable Camera with either Canon 21 x 7.5 ENG Lens or
Fujinon 10 x 5.2 ENG Lens, with Zoom and focus extension kit, Sachtler Handheld Tripod

Video

AJA FS2 HD Cross converter/Frame Sync
Miranda HD-1801 FS Frame sync with AES Audio
Miranda HD-1861 HD Downconverter
NTSC video pool feed DA outputs (x4)

Videotape

DVD Recorder
Sony HDW-2000 Multi-Format HD-Cam Recorder (Available By Request)
Sony PMW-1000 XDCAM deck (Available By Request)
AJA KiPro Rack (Available By Request)

Audio

Studio Tech, Model 750 Audio Mixer (4 mic inputs, 2 stereo line inputs).
Wohler AMP2-S8HDA, Digital Audio Monitor
Miranda Analog to AES and AES to Analog Conversion
Analog Stereo audio pool feed outputs (x4)

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Communications

Clearcom MS-200C, 2-Channel Intercom unit

3 - Clearcom Belt Packs, Beyer DT108 Single Muff Headsets and Beyer DT109 Dual Muff Headsets
Studio Tech, IFB+ Unit with two belt packs and earbud kits.

2 - AT&T Wireless phone interface (Intercom and IFB interconnections)

Clearcom, AC-10H Interface.

Two Way Radio Base Station with additional handheld units (Available By Request)

Telephone Landline Interconnect

Video Monitoring

Marshall Dual HD/SD monitor

Marshall Four 4" LCD Panel unit

TvLogic 17" Broadcast Monitor with HD-SDI and NTSC inputs.

Test Equipment

Leader 5700A HD/NTSC Scope,

Tampa Microwave Ku-Band to L-Band Loop Test Translator

Avcom MSA-4570DE Satellite Spectrum Analyzer

Perfect Vision Birdog USB V3.00 Satellite Identification Meter

Cable

2 - 250 ft. Snake (2 Video & 4 Audio)

SMPTE Camera Fiber Cable (Available By Request)

Power Cable 95FT 240V Single Phase

Other cables available upon request

Fiber

TAC 6 Fiber 300FT & 1000FT (Available By Request)

1-Telecast Rattlers

Power

Onboard 10KW Onan Generator

External power 200V-240V single phase 50 Amp Hubbell twist lock.

Lex Box CAM lock to Hubbell.

Satellite Time Bookings Available

Contact Information:

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