



Constellation

26' Ku UPLINK / HD PRODUCTION HYBRID OVERVIEW

Production

For-A HVS-390 Hanabi Switcher
2 M/Es available, 16 input, 8 output
(4) Keyers per ME, (4) DVEs, (4) Chroma Keyers, Still Store

Records

(1) AJA KiPro HDD Recorder
(1) AJA HELO H.264 Recorder
Wired for up to 5 Recorders and 1 8-Channel Replay Unit

Camera Equipment

Wired for up to 4 CCUs
(4) Hitachi Z-HD5000 Hybrid Fiber
1080i/720p 59.94
TAC Fiber Adapters Available
(2) HH Viewfinders
(2) 7" Studio LCD Viewfinders
(2) Fujinon 20x ENG Lenses
(2) Fujinon 13x4.5 Wide Angle Lenses
Additional Camera/Lens Options Available

Transmission

2.4m Vertex Ku Uplink Antenna with 4-Port Feed
(2) 300-watt Ku MCL 3200 TWT
(2) Adtec EN81 Encoder/Modulator
(1) Adtec EN80 Encoder/Modulator
(1) Adtec EN100 Encoder/Modulator
(2) Adtec RD60 Decoder
(1) DirecTV HD DSS Receiver
(1) Apple TV OTT Receiver
Multichannel Mux Available

Communications

RTS Zeus 24-Port Digital Matrix
(4) RTS PL Channels
(5) RTS Telephone Interface
(4) Wet IFB Channels
(2) Biscuit Boxes

Terminal Equipment

40x40 BlackMagic Design HD/ASI Router
4x4 Audio Embed/De-Embed
(2) Configurable Integrated Multiviewer Outputs
(3) HD Frame Syncs
Frame syncs on all switcher inputs

Graphics Facilities

(1) Mac Mini with Playback Pro Software
Wired for 1 Dual-Channel Graphics System

Cable Inventory

(1) 500' TAC-8 Fiber Mult

Audio Facilities

Yamaha TF1 Digital Mixing Console
16 Fader / 32 DSP Inputs
32x16 Analog, 64x64 MADI
16x8 Remote Stagebox

Support

(2) Fostex Speakers
(3) Throwdown HD Monitors
(2) SDI-HDMI Converters
(2) Fiber Rattler Sets
(2) Decimator MD-Cross Converters

Power Requirements

1 Phase, 80 Amps, 208 Volts
2 Hot Legs, 1 Ground (no neutral required)
100' feeder cable with camlock connectors
20kW Generator On Board

Connectivity

(2) VoIP Phone Lines
(2) Verizon Cellular POTS Lines
(1) Starlink Internet

Truck Dimensions

GVW – 26,000 Lbs
Dimensions – 29ft L, 9ft W, 13.5ft H working
footprint

Resolutions & Frame Rates

1080i, 720p
59.94

For mobile unit inquiries, call us at 615-431-1400 or e-mail contact@tndv.com

Mobile unit equipment complement is subject to change without notice. Additional equipment is available as needed.