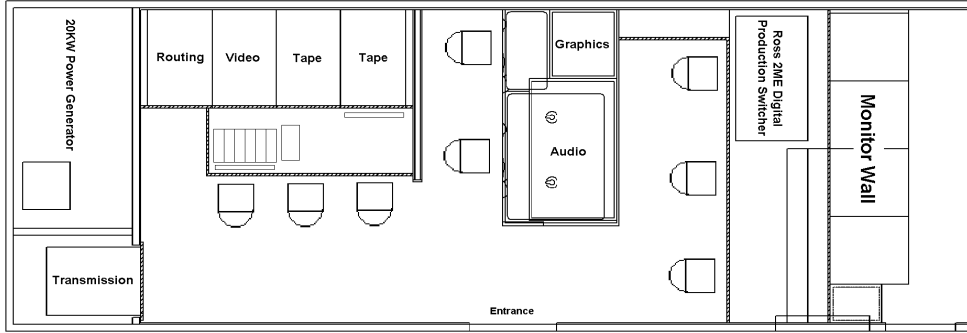




Universal Satellite Communications Inc.

TES 2 High Definition Mobile Satellite Production Unit



Equipment List

Cameras

5 Grass Valley LDK 8000 Elite 720P/1080i
 WorldCam option including 1080P
 Handheld or studio configuration
 Traix base station with OCP
 MCP Master setup panel with auto setup
 Studio kits with 7 inch LCD rear viewfinder
 up to 6 triax cameras (pre wired)

Lenses

3 HD Fujinon 22X7.6 with 2X extender
 2 HD Fujinon 12X4.5 wide angle
 Servo rear lens control

Video Switcher

Ross Synergy 2 HD/SD production switcher:
 24 inputs
 2 mix/effects
 6 Keyers
 12 auxiliary buses (6 timed)
 2D Digital Squeeze DVE
 Full tally routing

Video Special Effects

On request

Recording Formats

2 AJA KiPro Rack Digital Recorders
 Fast Forward Omega HD 2 Channel recorder
 Panasonic HD P2 Recorder/Player
 Panasonic HD AVCAM Recorder
 Panasonic DMR E20 DVD recorder
 6 channel EVS server (on request)
 DNF 3000 slow motion controller with T bar
 Evertz 5010 master time code generator
 VITC/LTC reader
 character inserter
 jam sync to GPS master clock system
 Prewired for 8 HD recorders

Graphics

Duet or Decko graphics (on request)

Production Monitor Wall

4 Samsung 40" LED 1080P displays
 2 Miranda Kaleido-X 16 input HD/SD multiviewers

Audio System

Presonus 24:4:2 Digital Audio Mixer
 24 inputs
 4 sub outputs
 8 aux outputs
 Insert & send on each channel input
 Digicart II Plus with ZIP drive
 remote control RD 220
 Tascam CD-01U-CD with MP3 playback
 2 DT 12 audio interfaces in I/O panel
 8 Sound Devices MP-1 mic to line amp
 4 Clearcom AB-100 talkback boxes
 4 Sennheiser announcer headsets

Microphones

2 Beyer Dynamic M58 handheld mic
 2 Sennheiser MD 46 handheld mic
 2 Sony ECM 66B lavalier mic
 2 Sony ECM 55B lavalier mic
 4 Sony ECM 44B lavalier mic
 5 camera mounted shotgun mics
 2 Sennheiser 416 shotgun mics

Communications

RTS Zeus digital intercom system
 (24X24 matrix 3 external wet ports)
 2 line RTS TIF telephone interface
 3 RTS KP-32 master panels
 2 RTS KP-12 panels with foot switches
 10 RTS BP-325 Intercom box with headset
 RTS 6 channel IFB system with 10 drops
 NST wireless IFB system
 Clearcom intercom interface (TW-12B)
 Telos 100 2 channel digital telephone hybrids
 2 Studio Technologies 2 channel IFB mixer/hybrid
 Panasonic 12 line telephone system
 full telephone patching
 4 Telular mobile phones on Sprint Network
 2 Westinghouse satellite telephones
 Verizon 3G wireless internet access with WIFI
 Motorola VHF 2 way radio system
 2 base station (audio & intercom)
 6 handheld radios with headsets
 4 mountain top repeaters w/ dialup (LA area)
 FCC licensed on 12 VHF channel's
 Kenwood P25 UHF Base Radio

Terminal

Pesa 32X32 Cougar routing switcher
 4 level HD/SD/analog video/stereo audio
 DK Technologies HD Master sync generator w/moving pattern
 5 Harris X50 HD synchronizers with audio delay
 Harris X-75 remote control
 1 AJA FS 1 frame synchronizer
 10 AJA MD3 HD intake DA with downconverter
 Tektronix 1740A analog waveforms with audio
 Leader HD waveform with audio
 AJA/Colbalt HD signal distribution
 Ross digital and analog distribution
 Ross remote control audio DA's (600 ohm)

Satellite Transmission

Andrew 2.4 KU satellite antenna with GPS
 4 port feed with no polarity restrictions
 ETM phase combiner redundant switch/dual path
 2 ETM 450 watt KU satellite amplifiers
 2 Advent upconverters with L-band test loop
 2 ATEME CM5000 MPEG 2/4 8/10 bit Encoders
 16 Audio Channels
 2 Tandberg 5788 MPEG 2 HD encoders 4:2:2/4:2:0
 4 Audio Channels
 2 DISH Network DSS receivers
 4 Tandberg RX 1290 IRD's

Cabling

5,000 ft. Traix
 1,000 ft. DT-12 with breakout box and tails
 1,000 ft TAC-4 Fiber with 4 Rattler kits
 500 ft Hybrid TAC-2, SDI Coax & 3 audio
 16/8 Channel Roland Digital Audio Snake (on request)

Dimensions

33'L x 8'4"W x 13'4"H weight: 33,000 lbs.
 38'L x 14'W x 13'4" H (working area, ant. stowed)

Power Requirements

onboard Kohler 20KW diesel power generator
 150 amps single phase 208-240 volts
 100 foot power cable with bare wire pigtail
 175 gallon fuel tank

Contact

13426 Rosecrans Ave. Unit C, Norwalk CA 90650
 Phone: (562) 483-4800 FAX: (951) 943-0263
 email: info@unisatmobile.com
 website: www.unisatmobile.com