

CAC-HERMES1HD

### 36' HD Production Unit

#### PRODUCTION

Ross Carbonite Multimedia 2ME 4MiniME OR 2.5ME 24input HD  
Production Switcher

525, 625, 1080i 50, 1080i 59.94, 720P 50, 720P 59.94, 1080pSF 25,  
1080pSF 29.97 and 1080pSF 23.98

Dual MultiViewer with up to 16 Internal/External Source Display each,  
over 30 Layouts with Tally & Label controls

2 MultiLevel Effects System (M/E)

4 Keyers with Luma/Linear/Chroma or DVE Keying abilities per M/E

2 Floating UltraChrome™ Chroma Keyers with Super Fine Keying Quality

4 Channel Animation Store with 8 GB of Memory and MediaManager WebUI

Dashboard GUI

Format Scalar and Frame Sync on every input

Color Correction and Proc Amp on every input

8 Channel Floating 2D DVE for 2D Picture in Picture Boxes or 2D DVE Transitions

2 x Blackmagic Teranex, Dual Independent 3G/HD/SD Up/Down/Cross Video Frame Synchronizers

Ross Video SRG-4400. Master Reference and Test Signal Generator w/ Auto ChangeOver

Blackmagic Ultra Scope Waveform/Vectorscope



#### GRAPHICS

Ross XPression Graphics - 3 Channels w/ RossTalk control

- Fully Loaded Package Includes Creation & Playout Software
- 4 RU Rackmount Chassis with Current Ross HW specification
- ASUS ROG Laptop with External AJA IOXT (3<sup>rd</sup> Channel)
- Support for 3 Video Output Channels, Each with Video+Key
- Unlimited Output Layers
- Support for 3 Video Input Channels
- Support for 1 Preview Channel
- Support for Multiple Virtual Channels
- DataLinq Option (Scoreboard data for clock/score graphics)
- Sportzcast Scorebot for real-time scoreboard data integration

#### CAMERAS

5 JVC HM-890 1080i 1/3" CMOS Cameras

Grass Valley Copperhead SMPTE Fiber Adapters/ Base stations

JVC 8.4" Viewfinder Options

ProHD RM-LP20G Control Panels

1 x Teradek BEAM Wireless Adapter with < 2 frames latency

5 x Manfrotto - 509HD Video Head with 545GB Tripod Legs

4 x Fujinon - XT20SX4.7BRM 20x zoom HDTV Lenses

1 x Fujinon 18x zoom ENG Lens with 2X Extender

2 x 2x Extender for 1/3 Bayonet Mount

1 x Wide Angle Lens Adapter

### **VIDEO MEDIA Record/Playback**

Newtek 3Play 440 - 4 Camera Replay System  
5 x Blackmagic Studio Pro Rack  
2 Channel Ross Blackstorm Playout Server w/ AMP control

### **AUDIO**

Midas M32 40 Mic/ Line Input Channel Production Console  
32 Award-Winning MIDAS Microphone Preamplifiers  
AES50 Networking Allows up to 96 Inputs and 96 Outputs  
8 DCA and 6 Mute Groups  
8 Stereo Signal Processing Effects Engines  
25 MIDAS PRO Motorized 100 mm Faders  
Dante Integration for Remote Press Boxes  
3 x Cough Boxes and Talent Headsets

### **COMMS**

Clear Com Four Channel Intercom System  
Clear Com IFB System 4 users  
4 x 1Ch Clear Com Belt Packs  
2 x 2Ch Clear Com Rack  
2 x 4Ch Clear Com Rack w/ IFB Talk back  
2 x Integrated Eartec Comstar Full Duplex Wireless Intercom System (4 wireless headsets)

### **STREAMING**

2 independent IP streaming feeds are supported with a rich set of video networking protocols including UDP, and RTMP or HTTP Live Streaming (HLS), which allows connections to popular CDN's for web steaming applications, internal monitoring or streaming to set- top boxes and mobile devices.

### **CLOSED CAPTIONING**

iCap HD492 Encoder

### **NOTES**

Trailer required for 2 Channels of XPression and 3P440

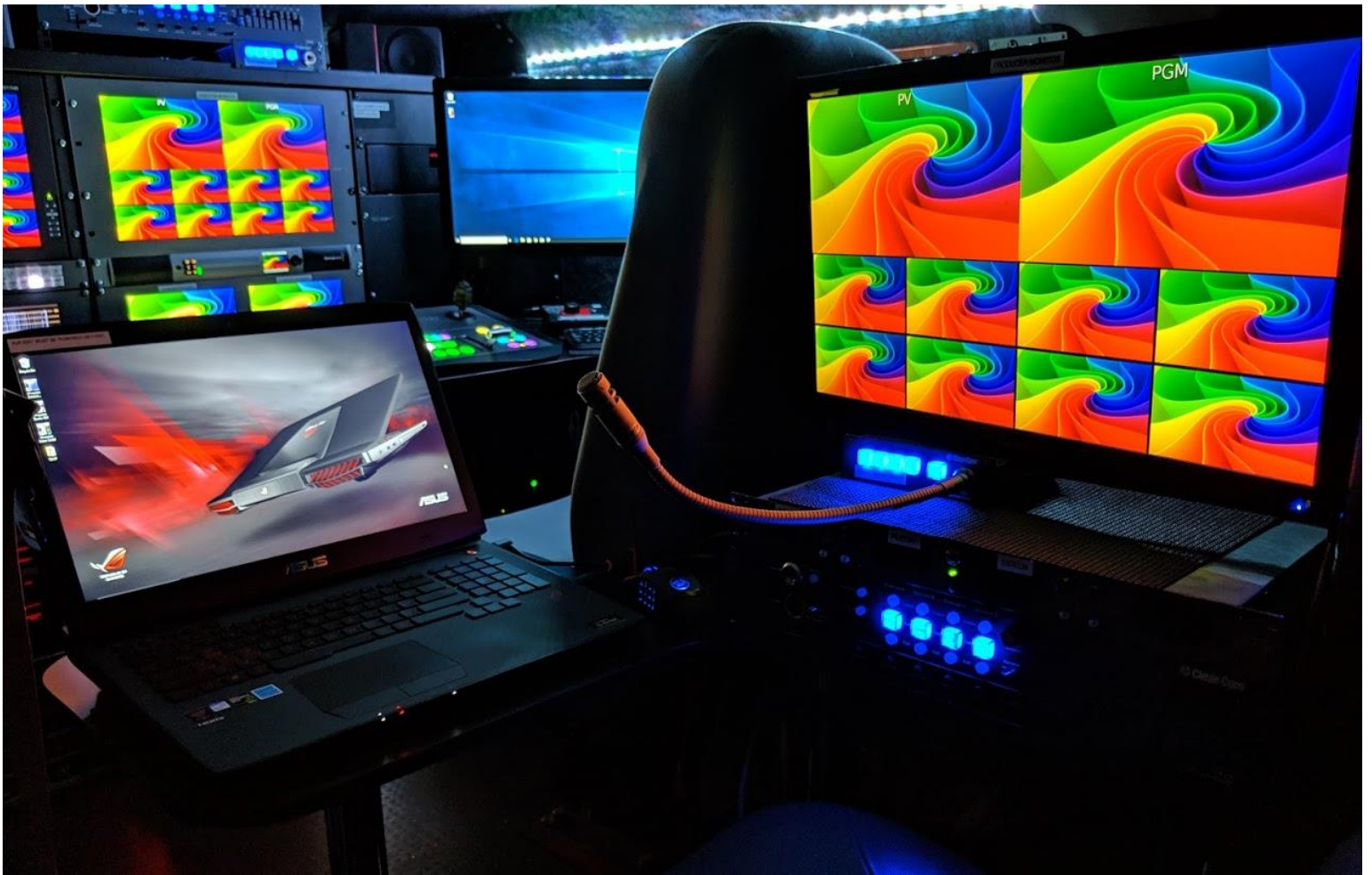
### **POWER**

UPS Redundancy  
On-board 7.5 KW Insulated Generator with remote panel Shore Power required: 2x 20amp circuits (4x 20amp circuits with outboard trailer)

### **SMPTE FIBER**

1x 1000 ft / 304.8 m  
4x 500 ft / 152.4 m  
3x 250 ft / 76.2 m  
3x 100 ft / 30.48 m  
3x 25 ft / 7.62 m







# Hermes1-HD Layout Overview

