



**SYNDICATE**

## AT A GLANCE

M1 is a 12G HDR production vehicle with an intensive focus on IP workflows and distribution over the public internet.

M1 has unparalleled social interaction technologies to let everyone near and far be a part of the event.

**ROSS**



**Haivision**



# M1 SPEC SHEET

## VEHICLE SPECIFIC INFORMATION

**Trailer:** 30' long x 8.5' wide  
(40' x 10.5' to access doors)

**Tractor VIN:** N/A

**Trailer VIN:**  
#1R9BE24246T522148  
UT-UHD4K

**Weight:** 12420 lbs

## POWER

Requires two legs of **100 amp single phase 120v** to power technical and environmental equipment

Travels with 150' of Camlok feeder

Critical systems backstopped with independent **uninterruptible power supplies** in each rack

## PRODUCTION AREA

Seating for **6-7 workstations**. Tie lines for internet and video are below each station.

Large **multiview monitors** on every wall

Independent **heat and A/C** for each section of the trailer

Nose of trailer seats 2 with one flexible workstation and audio engineer

## VIDEO

**2 M/E 12G HDR Ross Carbonite Ultra** with 24 inputs, 10 outputs. Four built-in multiviewers, and 4 MiniMEs

**2 M/E Ross Carbonite** Touchdrive control panel

71 x 71 UHD Ultrix video router with framesync and multiview capability.

Single mode fiber video and audio transmission stagebox for signals to/from truck

Boland 26" 12G/HDR reference monitor for Video Shading position

Two Leader HD scopes

Various portable reference monitors between 17" and 26"

## TRANSMISSION

**Elemental Live AE Series SDI** Encoding Appliance (Primary and backup units for redundant air chains)

**LiveU 1080p** bonding encoder (combines 8 cellular connections & wired house internet)

**Haivision Makito X4 HEVC** encoders and decoders for site to site transmission and remote contribution, overflows, etc.

12/3G/HD transmission embedders with 16ch audio embedding capability



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## RECORD AND PLAYBACK

**Sony PWS-4500** 8ch replay and video playback server, 4k and 180fps capable.

**Two Sony PWS-4400** 8ch iso record and playback servers, 4k capable

Ten 12g Hyperdeck Studio SSD recorders

More recorders available upon request.

100TB of Network attached storage for media storage and backup

## GRAPHICS

**Ross XPression Studio v10**

3 key/fill channels of graphics, clip player, datalinq.

## CAMERAS

4k Camera Systems:

- Five Panasonic AK-UC4000 (12G/HDR/SuperMo)
- Two Panasonic UE150 PTZ (12g/HDR)
- Three Blackmagic Ursa Mini Pro (SMPTE or SMF)
- BGH1 POV
- Marshall CV503

## LENSES

- Three Canon B4 22x7.6 lenses with buildup semi-servo controls
- One Canon B4 11x4.7
- One Canon B4 14x4.3
- Two Canon CN-E 18-80 with controls
- One Canon CN-E 70-200
- Two Canon 42x11 with Controls
- 72x Box Lenses (Available upon request)

## AUDIO

**Yamaha CL3** audio mixing console with 64 mono and 8 stereo configurable inputs

32x16 analog to Dante I/O (located in fiber-optic stagebox)

Assortment of wired and wireless Shure microphones

1200x1200 Ultrix MADI/Dante audio router with embed/disembed capability

Six channels Lectrosonics Venue2 wireless microphone with active wireless antenna distribution systems

3x Lectrosonics wireless IFB's

Studio Technologies IFB/Party Line dante intercom matrix

12x 4-channel Studio Technologies Dante intercom workstations

3x Dante announcer stations



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## INFRASTRUCTURE

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### 10G spine and leaf network architecture

Ubiquiti AP-AC-PRO access points in truck and remote stageboxes

Edge router infinity 10G SFP

Edge switch ES-16-XG 10G SFP

Edge switch 48 port POE

Peplink Balance 20x Bonding Router

Capable of primary and redundant internet connections to Elemental Live encoders for **fully redundant outbound paths**

## CABLE

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One 1000' 12 ST Tac

Four 200' 12 ST Tac

Various ST Tac

2000' RG6 coaxial cable with BNC Ends (various lengths)

1500' XLR in Various lengths

1500' SMPTE in various lengths

A/C cable package



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