

## GTX-20 Technical Specifications

### Video Production

#### **Grass Valley HD Kayenne XP K-Frame Switcher**

192 Inputs / 96 Outputs / 9 Mix Effects

(6) Downstream Keyers per M/E

FlexiKey Programmable Clean Feed

12 iDPM / 4 eDPM / 4 Chroma Keys per Full M/E

DoubleTake

#### **Grass Valley K2 Summit 4-Channel Clip Store**

#### **64 GB Still Store w/movies**

KSP 1 M/E Soft Panel GUI

(1) **6 Channel VIA Spot Box w/ Interface & Lance Controller**

### Record/Replay

(6) **12 Channel VIA EVS LSM** (w/ SSMO Option)

(2) **EVS XFile 3 Archive Station**

(2) **EVS XHub3**

(1) **EVS IP Director Package**

(1) **EVS Connected Agent**

(1) **4 Channel AJA Pro Go USB Recorders**

### Graphics

**Graphics** \*Upon Request

### Cameras & Accessories

4K Software w/ HDR Unlocked on all cameras

(12) **Sony HDC 3500 Multi-Format**

(4) **Sony HDC 5500 Multi-Format** *Fiber Operation Only\**

(2) **Sony HDC 1500 Multi-Format**

**4 Point Star Filters & Variable Speed Shutter Available**

(8) **Sony HDLA Lens Adapter**

(8) **Vinten VECTOR 750 Panhead & Heavy Duty Tripods**

(4) **Studio Build-Up Kits for Handheld Cameras**

(3) **Fujinon 4k 13x4.5 Wide Angle Lenses**

(1) **Fujinon 4K 17x Lenses**

(1) **Fujinon 4K 18x5.5 Lenses**

(1) **Fujinon 4K 22x Lenses**

(4) **Fujinon 4K 24x7.8 Handheld Lenses**

(8) **Fujinon 4K 125x8 Studio w/ Stabilization**  
*Mobile Unit Wired For 24 Cameras*

### Microphones/Speakers

(14) **Sennheiser MKH 416 Shotgun Mics**

(8) **Sennheiser MD 46 Stick Mics**

(4) **Sennheiser MKH 70 Shotgun Mics**

(6) **Sony ECM 77B Lavalier Mics**

### Production Monitor Wall

**Grass Valley 821 Routing & Multi-Image Display**

(18) **31" Postium 4K Monitors 4096x2160**

### External Monitors/Converters

(6) **10" HD LCD Field Monitors 16:9**

(8) **18" HD LCD Field Monitors 16:9**

(12) **Rattlers - ST Fiber to HD/SDI**

### System/Routers

**Grass Valley 352x608 IP Router**

(2) **Tektronix Master Sync and Timecode Generator with 4K**

**Tektronix Changeover**

**Evertz Digital Time Displays**

(15) **AJA FS4 HDR Frame Synchronizer /Converter/4K/3G/HD Up/Down/Cross**

(1) **DSS Receiver**

### Video Shading

**Sony 30" BVMX 300-2 Monitor**

(3) **Sony OLED PVM-X1800 monitors w/HDR**

(3) **Telestream Prism MPI 2**

(1) **Telestream Prism MPI 2** (in engineering)  
**Intercom/Communications**

**RTS Adam 160x160 Matrix**

(4) **OMNEO 64 Cards**

(16) **IFB Channels**

(19) **RTS KP 5032 Keypanel**

(7) **RTS KP 4016 Keypanel**

(16) **RTS 4030 IFB Beltpack**

(30) **RTS BP-325 Dual Channel Programmable Beltpack**

(8) **RTS TIF 4000 Digital Telephone Interface**

(1) **Phone System (12 Lines)**

(4) **QKT**

(4) **Ringdown Circuits**

(16) **Single Muff Headsets**

(12) **Double Muff Headsets**

(20) **Lightweight Headsets**

**F&F PRODUCTIONS, LLC**

**14333 Myerlake Circle | Clearwater, FL 33760 | (727) 530-5000 | info@fandfhd.tv**

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(6) Sennheiser HMD-27 Announcer Headsets (6)  
Studio Technologies Model 21 Talkback  
Boxes  
(4) RTS Telex SPK 300 Biscuit Boxes

### Fiber Booth Kit

Calrec Hydra  
32x32 Audio  
4x10 HD/SDI  
(2) 10/100/1G-LAN

### Lighting n/a

Audio  
Calrec Apollo Digital Console w/Bluefin2  
(72) Faders w/ Hydra2  
LCD Bar Graph and VU Metering  
MADI Interface – 4-Streams  
128x128 AES Audio  
128x128 Analog Audio  
256 x 256 Dante  
Dual Processor Engines  
Yamaha SPX2000 Multi-Effects Processor  
4 166XL DBX Compressor

1 1046 DBX Compressor  
(2) 360 Systems Digicart/E Ethernet Audio  
Recorders w/ SD Card  
ENCO EDAD Digital Audio Server  
(1) CD Player  
(1) DTS Neural Loudness Meter  
(2) DTS Neural Upmix Decoders  
(2) DTS Neural Downmix Encoders  
(2) DTS Neural Mono to Stereo 4-Channel  
Synthesizers  
Genelec 5.1 Surround Sound Monitoring  
RTW Stereo Surround Audio Display  
(10) De-embedders  
\*Upon Request 64 Channel Hydra Stage Box  
48 x 16  
Cable (TBD)  
15000' SMPTE  
3000' DT 12 Audio Mults 2000'  
Coax Video (Various Lengths) 1500'  
Single Mode Tac 12  
5-Pair Coax Mults (Various Lengths)  
10-Pair Coax Mults (Various Lengths)

### Power Requirements

3-Phase  
208 Volt  
400 Amps  
200 Amp Environmental  
200 Amp Technical  
Maximum Distance From Power Panel: 150'

### A-Unit Dimensions (Expanded)

W/ Tractor: 74' L x 13'6" H x 16' W  
W/O Tractor: 56' L x 13'6" H x 16' W Working  
Footprint: +5' Around  
Expands: Curb Side and Street Side

### B-Unit Dimensions w/liftgate

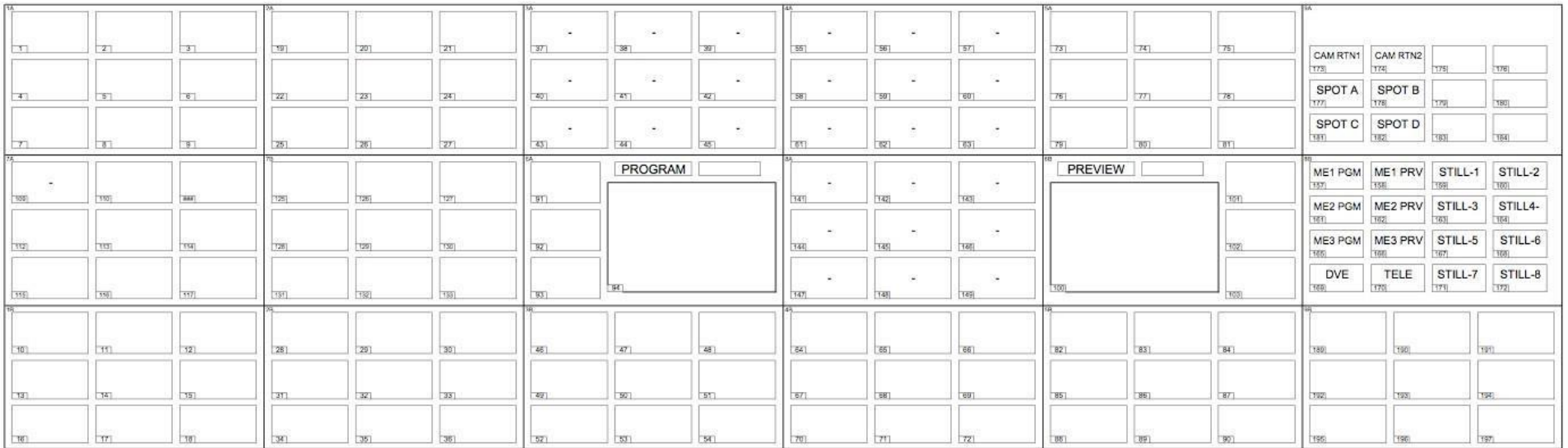
W/ Tractor: 74' L x 13'6" H x 16' W W/O  
Tractor: 56' L x 13'6" H x 16' W  
Working Footprint: +5' Around  
Expands: Curb Side and Street Side

*\*Upon Request  
Closed Captioning Device  
Telestrator*

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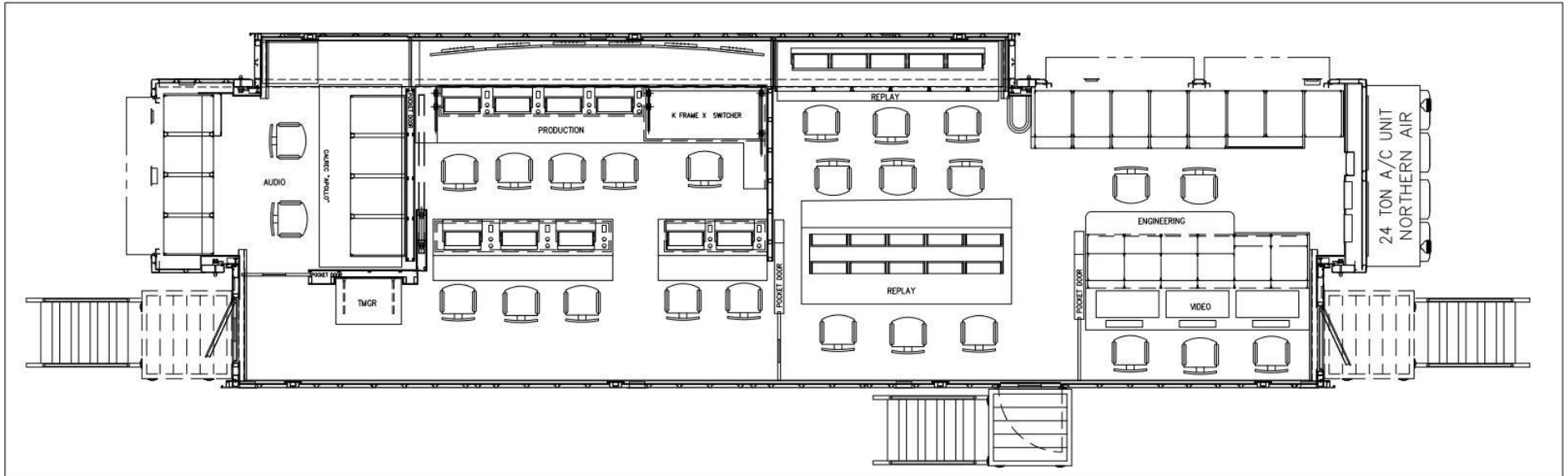
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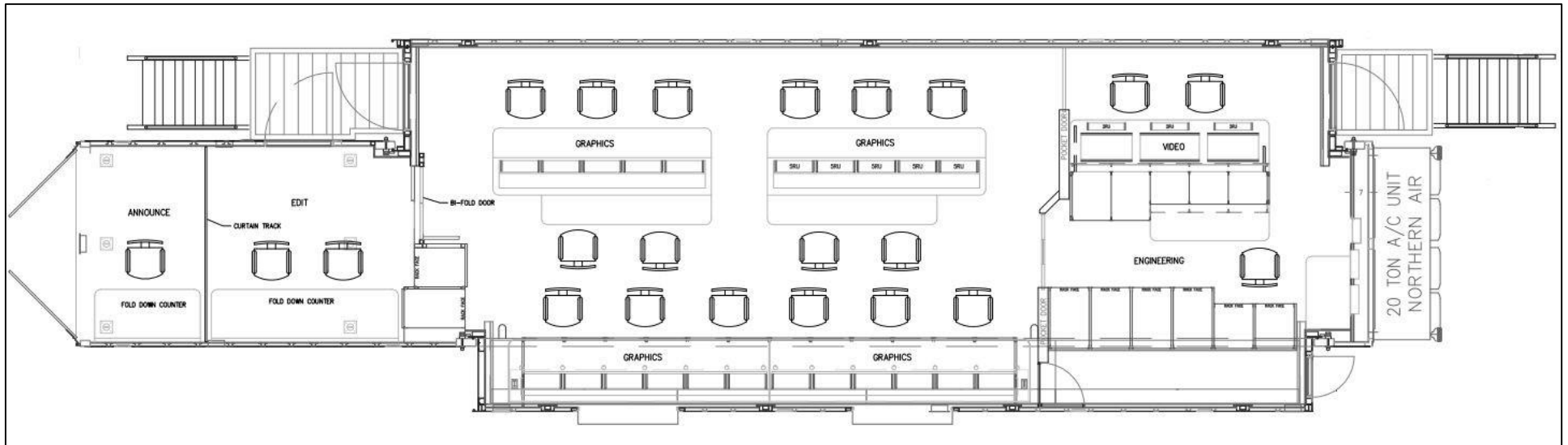


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## GTX-20 Technical Specifications

B-20: Required with GTX-20



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