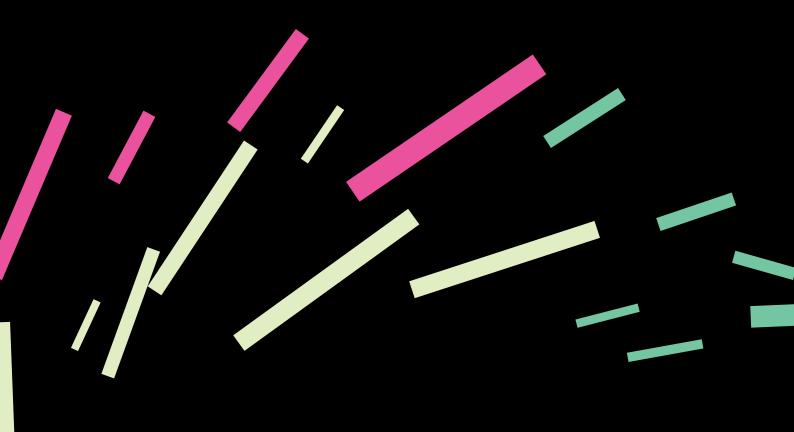**GLOBECAST**

SNG F-32 / F-33 / F-34

Compact – Powerful – Flexible – Reliable

With their all-digital, all HD-capable equipment, SNG F-32, F-33 and F-34 are ready for action, bringing your audience closer to your special events coverage than ever before

SNG F-32 / F-33 / F-34

Key advantages

- Fully-redundant HD uplink truck for HD/SD simulcast application (Up to 2+1)
- High-performance and complete monitoring system
- Strongly reliable power supply system with 2 separate UPS
- Flexible routing with an HD-SDI video router
- Audio processing and monitoring fully compatible for analogue, AES & Dolby E signal
- Production-ready with IFB facilities
- Engineering and ergonomics based on more than 20 years' experience

Vehicle & Power supply

- Volkswagen Crafter T5 – 3.5T (6.20m x 2.00m x 3.00m)
- Rack air conditioning systems
- External: 220V single phase 50Hz 6KVA with 1 isolation transformer (P17 32A CEE)
- Fully Powered over 2 UPS (2 separate Victron Phonix Multi Plus systems)
- Dometic Generator 5 Kw on board

Audio

- 8/4/2 Mackie audio mixer
- 2W cell phones with audio interface (4wires/IFB)
- 6 channels Propect C6R intercom panel

Processing & Routing

- 3RU Snell&Wilcox encloser with redundant PSU, SD/HD SDI distribution-amplifiers with monitoring downconverter, analogue audio and video distribution-amplifiers
- 8 x 8 HD/SD-SDI Leitch Panacea routing switcher with 1 panel and redundant PSU
- HD-SD Lynx test generator
- Precabling for HD VTR

Antenna & RF system

- Antenna SkyRAY MAS 1500; 1.50m Diamond Ku single offset with 2 linear access
- Ku Uplink frequency: 13.75 - 14.5 GHz
- Ku Downlink frequency: 10.7 - 12.75 GHz
- RX Gain: 44.5 dBi (11.7 GHz)
- 2 x outdoor Ku TWTA 400W with integrated block upconverters
- Max operational EIRP: 69 dBW
- Off air antenna and receiver
- DVB-T Receiver

Encoder/Modulator & IRD

- 2 x HD/SD ATEME CM4101 MPEG2/MPEG4 8bits/10bits 4 :2 :0 – 4 :2 :2
- 1 x SD Tandberg 5740 MPEG2 4 :2 :0 – 4 :2 :2 (possible to have a HD ATEME CM4101MPEG4 in option)
- 3 modulators, DVB-S/S2
- 2 HD/SD Tandberg IRD MPEG2 4 :2 :0 – 4 :2 :2 - DVB-S/S2
- 1 HD/SD ATEME IRD MPEG4

Monitoring

- 3 x 5.6'' and 2 x 9'' LCD TFT video/HD SDI/ SXGA monitors
- Audio monitoring: TSL PAM 1 – 3G8 with DolbyE decoder and Fostex RM2
- Spectrum analyzer FSH-4 Rohde&Schwarz