



## BEL 60 Multi-camera HD SNG Truck

The BEL60 SNG is the most multifunctional van of our SNG fleet. It combines both uplink and video mixing facilities for news, sports, shows or other events.

The BEL60 has a standard redundant 1+1 design, guaranteeing your transmission in case one of the devices fails. Other setups, like "2+0", "2+1", ... for multi-carrier transmissions, can be easily configured.

The built-in 12KVA power generator together with the 10KVA UPS provide a reliable power source, no matter where you are.

The BEL60 is a fully equipped news truck with a large workspace for the journalist and editor. Both Avid Mediacomposer 7.4 or Final Cut Pro are possible upon request.

A 4G LTE modem provides a high-speed internet connection for research or a VPN connection with the news desk.

Besides redundant transmissions and its news truck capacities, this satellite van also has multi-camera facilities. The truck is divided in two separate workspaces. The first area offers all production functions like video mixing, tape playout and shading (when using triax cameras). The second area includes a separate audio booth for the audio engineer and the transmission controls for the uplink technician.

In short, the BEL60 is the ideal choice for live transmissions, newsgathering or small OB productions.

### Key Features

- DVB-S, DVB-S2, MPEG2 and MPEG4
- Fully equipped news truck
- Multi-camera facilities



# Technical Specifications

## Multi-camera HD SNG - BEL60

\* Option

### UPLINK CHAIN

- Sat-Comm Carbon Fibre 1,6m dish with 46 dBi transmit gain.
- 2 HPAs XICOM 400W 1:1 (13,75 Ghz to 14,50 Ghz)
- Total maximum output: 71,3 dBW

### AUDIO & INTERCOM

- SoundKraft SI expression1
  - 16 inputs/ 16 outputs
  - Digital audio mixing
- RTW TM3 Loudness meter
- 16 channel digital audio monitor (SDI embedded & Dolby decoding)
- GENELEC audio monitoring
- Trilogy Digital Matrix Intercom (2 keypanels + 1 desktop panel)
- UHF Radio Intercom (Licensed) (1 basestation, 6 Walkie Talkie)
- IFB with mobile phone hybrid
- IFB with PSTN/ISDN\* hybrid

### CABLING

- 2 x 50m 32A 3f powercable
- 2 x 25m 16A powercables
- 4 x 50m HD video BNC
- 1 x 120m XL (4 pair)
- 300m of Telecast Fiber Optic Cable\*

### ENCODING & MODULATION

- 2 or more\* CM5000 encoder/modulator
  - MPEG2 SD/HD 4:2:0 & 4:2:2
  - MPEG4 SD/HD 4:2:0 & 4:2:2 8bit
  - MPEG1-L2, AAC audio
  - Dolby E pass-through
  - DVB-S(2) Q/8PSK 16APSK modulator
- Tandberg E5788
- Harmonic RTM 3305 ASI multiplexer\*

### VIDEO

- Sony 17" HD OLED monitor
- 3x 17" LCD monitors (SDI, DVI, VGA)
- 2x 8" LCD monitors
- AJA 32 x 32 HDSDI router
- 2x HDSDI Quadsplit (assignable by mtx)
- BM WFM & vector Analyzer
- 2x deembedder / 1x AES PGM embedder
- 2x multiprocessors (AJA FS1, BM Teranex) (format conve, scaling, ARC, signal adj., embedder/deembedder, audio delay)
- Sony BRS-200 HD vision mixer\* (8 inputs, PGM, Preview, 2 AUX, DSK)

### POWER AND AIR CONDITIONING

- Fisher Panda 12 KVA generator
- APC 10KVA UPS
- 2x Air conditioners
- Grid power possible on 32A 3F or 32A 1F  
Higher connection possible with adaptors

### DOWNLINK CHAIN

- Ateme DR5000 DVB-S(2) Q/8PSK 16APSK
  - MPEG2 SD/HD 4:2:0 & 4:2:2
  - MPEG4 SD/HD 4:2:0 & 4:2:2 8/10 bit
- Ericsson RX1290 DVB-S(2) Q/8PSK
  - MPEG2 SD/HD 4:2:0 & 4:2:2
  - MPEG4 SD/HD 4:2:0
- Ericsson RX8200 DVB-S(2) Q/8PSK
- Anritsu MS2661B 3Ghz Spectrum Analyzer
- Off-air DVB-S2 & DVB-T SD/HD receiver

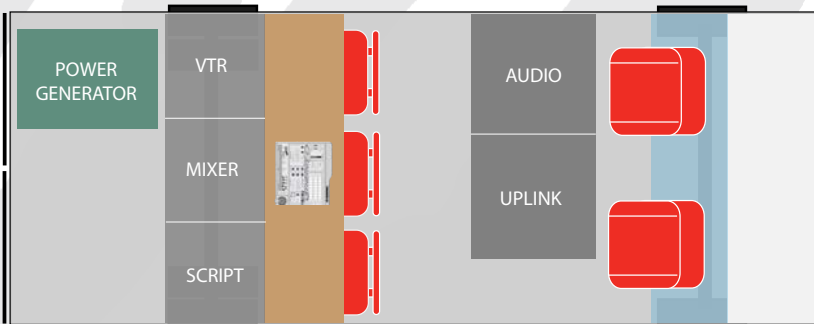
### PLAYOUT & RECORDING

- Define one of the following types of VTRs:
  - digital Betacam Playout & Recording
  - XDcam Playout & Recording
  - DVcam Playout & Recording
  - P2 SD/HD Playout & Recording
  - HDcam Playout & Recording
  - SxS Playout & Recording
  - HDD Playout & Recording
- Avid Mediacomposer 7.4 Final Cut Pro

### LOGISTICAL INFORMATION

- Eutelsat Registration: BEL-60
- License Plate: PIG-471
- Dimensions: H: 3,6m - W: 2,5m - L: 6,5m
- Vehicle: Mercedes sprinter 416 CDI  
truck-driver license (limited at 90 kmph)

### LAYOUT



## About Headline

Headline is an audiovisual company based in Brussels and located between the heart of the European Quarter and Brussels International Airport. We offer professional audiovisual services for TV-news : ENG crews, SNG crews, editing and post production, a complete production/research service, feed point and chromakey live studio.

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