



SATstreamer

*the light uplinking system
for Satellite News Gathering and Event Streaming*



M2sat SATstreamer provides a cost effective solution for Live Video up linking delivering the highest quality video capabilities for low costs. The system has two components: a vehicle based Mobile Uplink System a Fixed Downlink System at the studio or data centre with streaming distribution server.

Who can benefit of the M2sat SAT streamer?

The SATstreamer in particular meets the requirements of those players that are looking for high quality (Live!) content for low production costs:

- News teams for broadcasters
- Satellite News Gathering companies
- Event streaming companies
- IP-TV sport and entertainment channels
- Regional and Local broadcasting organisations
- Commercial Broadcasters in developing media markets
- Event organisers

Extreme user friendly and easy to operate

Setting up a video session is extremely simple. Vehicle crew just switches on the power and lets the antenna find the satellite. Then they contact the studio and ask them to bring up the satellite link by remote control. After confirmation from the studio that the satellite link is up, and with a push on the button the cameraman starts the transmission and streams live video directly from the vehicle to the studio or streaming distribution platform.

A cost effective SNG solution

The M2sat SATstreamer uses the latest in MPEG-4 and satcom equipment. The advanced video coding (H-264 AVC/MPEG-4) and highly power efficient transmission scheme makes that the M2sat SNGstreamer is providing a broadcast quality video with less bandwidth. This directly translates into lower operating costs (lower space segment costs). Also no staffing costs apply as journalist and cameraman can operate the unit.





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Includes at the remote site:

Vehicle based auto pointing satellite antenna with remote control from studio for up link procedure. Antenna can be mounted on any car.

M2sat SATstreamer Uplink flightcase with transmission and video equipment.



At the studio or data centre:

SATstreamer downlink system that is connected to a roof mounted Ku-band antenna. (In Europe typically 2,4 mtr or larger)

The SATstreamer downlink system includes:

- M2sat Transmission equipment.
- Video decoder that is connected to the internal video network infrastructure in the studio or headquarters
- Remote control system for the vehicle based uplink system



Key features and capabilities

- Broadcast quality MPEG-4/H.264 video/audio streaming system with (dedicated) transmit IP rates up to 4,5 Mbps.
- Supports: Live Video Streaming and Store and Forward Video. Low latency settings for live interviews and interactive applications.
- Easy to operate with fully automated terminal deployment using a light weight auto-pointing antenna with remote control from studio/HQ. Remote control via GSM/UMTS or Inmarsat BGAN. Two-button operation: power on/off, transmit on/off.
- Both investment (one way system, with low cost Recieve Only system at studio) and operational costs (no dedicated operator needed, requires 50% less satellite capacity) go down to half that of traditional MPEG-2 SNG solutions
- Uplink system includes touch screen for easy operations and stream monitoring and has standard SDI/Composite in- and outputs for camera, monitor and audio equipment.

*For more information on the M2sat SATstreamer contact our sales department:
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