



Frontline Communications and TVU Networks are pleased to introduce the latest in broadcast vehicle technology, the Frontline IP Vehicle Solution (IPVS).

The heart of the IPVS is the TVU MLink rack-mountable IP uplink transmitter. Using TVU's proprietary Inverse StatMux technology, TVU MLink simultaneously aggregates multiple IP data connections, including Ka or Ku band satellite, microwave, WiFi and 3G/4G/LTE cellular to transmit live HD video at sub-second latency.

Available in Frontline's custom Nissan NV, Ford Transit, Mercedes Benz Sprinter, and SUV broadcast vehicle platforms, the IPVS is designed for vehicles and doesn't rely on any single transmission mode. The IPVS offers the ability to simultaneously use or switch between cellular, Ka-band satellite, Ku-band satellite, and microwave connections without interruption to the transmission, maximizing the amount of bandwidth available for transmission

NV-IPVS ENG

Vehicle and System Features & Options



IP Vehicle Features

- Available in Frontline's Nissan-NV, Ford Transit, Mercedes Benz Sprinter, and SUV vehicles.
- ENG, DSNG, and Combo platforms
- Frontline's 8kW VIP Power System powers the vehicle up to 3 hours without the engine running. High idle not required to charge the systems batteries or provide AC power.
- Frontline 42' FastMast deploys in 2 minutes or less. No oiler required, integral locking top collar.
- All LED lighting system for lowest possible power draw, dimmable interior lights
- OEM/Aux HVAC: 28,000 BTUs of AC & heat
- Up to 3 full-height equipment racks
- 72" interior height
- Over 1,000 lbs of payload after conversion
- Built in Canton, Mississippi USA



TVU MLink Features

- Transmits live video simultaneously over multiple cellular, satellite, microwave, WiFi, and/or Ethernet connections.
- Add or remove any transmission connection in real-time without losing a picture.
- Can transmit live video with as low as sub-one second latency
- Transmitter combines with multiple hi-gain external vehicle-mount cell antennas for use in challenging environments.
- All TVUPack transmitters use Inverse StatMux to effectively push live video across all available connections and minimize the effects of low bandwidth and network instability, delivering reliable picture quality.



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Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment. All measurements are nominal values.

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