

TVUPack - the Ultimate ENG Backpack



Laptop with Final Cut for field editing

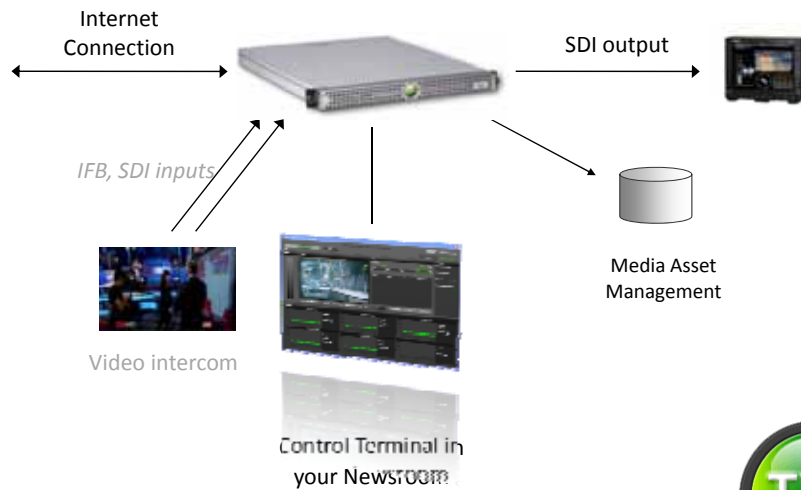
Inside of TVUPack

- Patent-pending Multipath Technology for **aggregating** bandwidth from all available connections **automatically**, including 3G, Wi-Fi and Wired Ethernet (up to 10 connections)
- Efficient **low delay** H264 encoder
- Solid State Storage (SSD) for archiving footage automatically
- Intelligent control system eliminates need for configuration

TVU networks – We are live



TVUPack Receiving Terminal



TVU networks – We are live



News Gathering Operations

TVUPack is designed to fit into your daily news gathering operations.

- Regular field news gathering
- Quick response to breaking news gathering
- Aggregates both wireless 3G, Wi-Fi, and wired connections
- Serve as a Wi-Fi hotspot for reporters to edit footage captured by the backpack using their laptop.
- Low cost. You own the complete system, no monthly charges.



At the Site

Turn on the TVUPack and camera, and start shooting.

- Press the ON button: go live in less than 1 minute
- No configuration
- No waiting
- Cameraman doesn't need to be an engineer



60:00



Deep In the Tunnel

Live interviews with emergency personnel and witnesses.

- 2 seconds end-to-end delay
- Aggregate all available bandwidth using TVU's unique **Inverse StatMux** technology (not simple bonding):
 - Higher picture quality
 - Reliable picture quality



Power and Cell Coverage Not Available

Need to capture what's happening. You won't miss a thing.

- TVUPack records video automatically in its internal SSD storage
- Cameraman doesn't worry about Internet connectivity – focus on capturing video
- Hot-swappable industry standard batteries



From the News Room

News Directors have complete real-time control over all TVUPacks.

- Switch to any camera, live or to retrieve archived footage
- Adjust quality and delay in real-time
- Select any data service
- Automatic and secure file transfer built-in; no separate servers or passwords needed
- Use footage directly in Final Cut Pro; no separate ingest needed



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Who Is Currently Using TVUPack



TVUPack Key Features



Start Up Time	Less than 60 seconds
Simple On and Off Control On Transmit Device	Yes
High Video Quality	Yes
Reliable Transmission With Low Delay	Yes. 2 second delay.
Weight	13 Pounds
Hot Swappable Industry Standard Batteries	Yes. Gold Mount.
Auto Archiving	Yes
Retrieve Archived Content	Yes



TVU Networks

- Principals from the broadcast TV industry and Internet video startups
- Developed the ATSC system
- Led MPEG4 syntax group
- Developed the Cherrypicker product
- Executives from EBay, Sony ImageStation



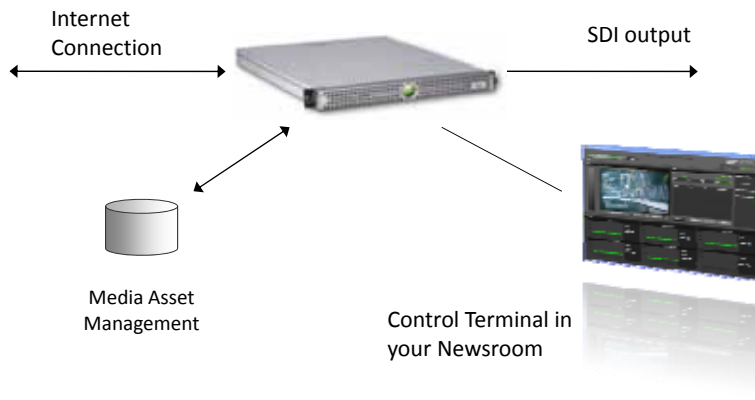
Summary

TVUPack Brings You The Fastest News Coverage

- High quality, low delay: 2 seconds end-to-end
- Aggregate all available Internet connections, including Wi-Fi
- All media is captured, even without Internet access
- Simple operation: Just press ON button in the TVUPack unit
- Quick start-up: From off to full function in less than 1 minute
- Always available: Industry standard hot swappable batteries
- Weather-proof. Unit vents through the sides and comes with a cover for use in poor weather conditions.



TVUPack Receiving Terminal



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Fire in a Subway Tunnel

Traffic, chaos... Get there fast and start sending back live video instantly.

- TVUPack: a light-weight self-contained backpack
 - Only 13 pounds
 - Camera in the bag
 - Rugged construction

