

Complete Portable Video Solution

Designed for use by emergency first-responders and news crews, our VBxStream package broadcasts high-quality video and audio signals connected via wireless, hard-wire, cell-phone, or satellite uplink on VBrick Appliances. Literally, connect your audio and video sources, your transmission device, and begin broadcasting. It's perfect for anyone needing portable simplicity.



Take VBxStream With You Anywhere

Connect your camera.

Plug in to the public Internet with a cable or use wireless Internet access.

Monitor your video via the optional integral display.

Change rates with the press of a button.

Stream your video on the public Internet and/or locally via the built-in streaming server.

Record your video directly to internal disk.

Rely on it to run for an hour or for a year (reliable, stable and scalable).

Models

VBxStream WM

VBxStream MPEG-4

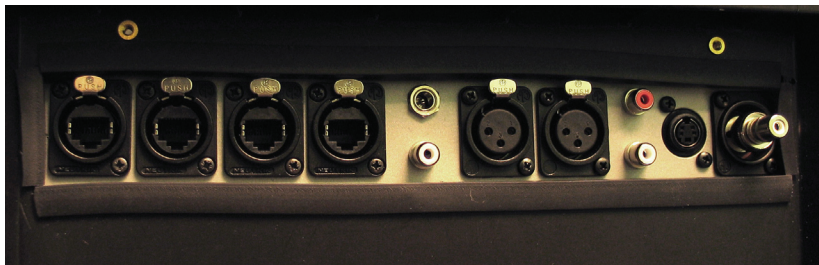
Applications

- Remote News Gathering
- Sports Broadcasting
- Scientific Research
- Remote Inspection
- Multimedia Presentations
- Concerts and Cultural Events
- Political Events
- Emergency Response and Law Enforcement
- Graduation ceremonies
- Conference Events
- Trade Show Events

Benefits **Rugged, Portable, Reliable, and Stable**

VBxStream delivers the ultimate in speed and portability.

- Hard, rugged carrying case on shock-resistant isolation platform
- Integrated VBrick Appliance (Windows Media® or MPEG-4)
- LCD Panel for encoder system status and configuration
- User-definable switches for ease of use
- Integrated rear 'patch-panel' for quick and easy connections
- Easy set-up – configure the package once, every setting is saved
- Low-delay operation for broadcast remotes
- Remotely manageable via integral web server and/or SNMP
- No PC needed
- Integrated cooling system (operates with the lid closed)



Integrated protected rear "patch-panel" for quick and easy connections and control



VBxStream case interior

Standard Features**Windows Media® Encoder**

- 20 Kbps to 4 Mbps
- Up to 640 x 480 resolution
- Up to 25 HTTP Push publishing points
- Multiple Bit Rate Encoding (up to 3 rates)
- Compatible with Windows Media® Player, Set Top Boxes, Recorders, CDN's, Windows Media® Servers, etc.

MPEG 4 Encoder

- 20 Kbps to 2 Mbps
- Up to 320 x 240 resolution
- Up to 2 IP destinations
- Compatible with low delay VBrick decoder appliance, Darwin Server, QuickTime player, CDN's, etc.
- Low delay operation (configuration dependent)

Push

- Multiple Bit Rate Encoding, Push to 25 destinations (WM)
- Integral Streaming Server supports up to 200 clients
- Integral Multicast Server supports unlimited clients

Ethernet Switch

- Integral 2 port 10/100 Mbps Ethernet switch

Power

- Powered from standard 120/220 Vac 50/60 Hz AC power or optional internal battery pack (4 hr operation time typical)
- Integrated power distribution and surge suppression system

Interface

- Two user definable switches allows for automatic configuration without a PC or laptop computer
- LCD panel displays encoder system status and configuration

IR Remote

- IR remote control for additional setup options

Cooling System

- Integrated cooling system for extended reliability (allows the lid cover to be closed while operational)

Carrying Case

- Rugged: Shock resistant isolation platform
- Meets most guidelines for carry-on baggage for commercial airlines
- HPXTM resin construction - dent-resistant, shatter-resistant, and virtually unbreakable
- Soft-grip carry handle with rigid core
- Top cover hinge is continuous and tensioned for comfortable viewing angle
- Water and Sand resistant
- Pad lockable
- Pull-out handle
- Unique Press and Pull latches
- In-line wheels
- Vortex™ auto pressure release valve adjusts to changing environments

Inputs

- Integrated protected rear "patch-panel" for quick and easy connections and control
- S-Video input
- 75 Ohm BNC composite video input
- XLR Balanced audio input L/R
- RCA audio input L/R
- RJ45 connector RS-232/422 (2)
- 10/100 Mbps Ethernet IP interfaces with auto detection (2)
- 12-18 Vdc power input
- UHF wireless microphone audio input (Optional)

Audio

- Stereo or Mono

Dimensions

- W 14" x H 22" x D 9" (W 35.6 cm x H 55.9 cm x D 22.9 cm)

Weight

- 25 lbs (11.3 kg)

Options**Hard Drive**

- Internal 60 GB hard drive for Windows Media® video archiving with automatic FTP file transfer (not available for MPEG-4)
- Video on-demand for playback of recorded video

LCD and Speakers

- Integrated 8.4" high resolution LCD dual input Video / Audio monitor with speakers

VBrick VBPresenter Software

- PowerPoint® Add-in for live rich media web presentations

Internal Battery Pack

- Automatic 3 stage battery charger / float system
- Rechargeable battery power system for 1-2 hour operation
- Audible / Visible low-battery alarm
- Rechargeable via standard 120/220 V-AC 50/60 Hz power
- Automatic power transfer from AC to DC and reverse

Additional Battery

- External suitcase battery and charger to extended run-time (4-8 hours) on a single charge

Power Adapters

- Car lighter adapter for 12 Vdc operation
- Military power adapter for 22-28 Vdc operation

Transmission

- Integral 802.11 wireless LAN
- Cellular Modem
- Inmarsat® BGAN suitcase size satellite system supports up to 512 Kbps streaming anywhere
- VSAT KU band automatic satellite system supports up to 1.5 Mbps streaming anywhere

Communications

- Wireless WiFi VoIP telephone with speaker phone/headset
- WiFi 802.11 b/g WLAN system with diversity antenna, which supports up to 7 additional IP address for optional ethernet accessories
- Hands free wireless UHF lavalier microphone provides a 700' operational range

Video

- MiniDV camcorder, tripod, carrying case and S-Video cable

