Product Selector Guide

Download detailed product information at www.VBrick.com
Industrial strength, portable VBrick Appliances deliver video on local area networks, wide area networks, and the Internet with unparalleled reliability and stability. For more than a decade, VBrick video appliances have provided educational institutions, corporations, and government agencies with high-quality video distributed on their IP network.

**WM Appliances**

Multipurpose network video appliance that encodes, streams, and records Windows Media® video and audio formats.

**MPEG Appliances**

Multipurpose network video appliance that encodes, streams, and records standard MPEG-2 and MPEG-4 video. Deliver one or two-way interactive communications over IP networks.

### Features

<table>
<thead>
<tr>
<th>All VBrick Appliances</th>
<th>Windows Media®</th>
<th>MPEG 2</th>
<th>MPEG 4</th>
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</thead>
<tbody>
<tr>
<td>- 4:3 or 16:9 aspect ratio</td>
<td>- Encodes, multicasts, serves, reflects, pushes, and records</td>
<td>- Best quality / lowest delay</td>
<td>- High quality / low delay</td>
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<tr>
<td>- Supports both NTSC and PAL video</td>
<td>- Supports closed captioning</td>
<td>- Encodes, multicasts, serves, and records</td>
<td>- Encodes, multicasts, serves</td>
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<tr>
<td>- Wide range of video resolutions, frame rates, and bit rates</td>
<td>- Wide range of networking parameters</td>
<td>- DVD quality video at high bitrates (2-15 Mbps)</td>
<td>- DVD quality video at high bitrates</td>
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<tr>
<td>- Easy to configure</td>
<td>- Dual serial ports for maintenance and data transport / camera control</td>
<td>- Two video streaming destinations for unicast and multicast</td>
<td>- Supports multiple resolutions, including full D1</td>
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<td>- Meta data support for synchronizing rich media</td>
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**Options**

- Hard drive (MPEG-2/WM)
- SDI Input (MPEG-2/WM Encoders)
- SDI Output (MPEG-2 Decoders)
- ATM (MPEG-2/MPEG-4)
EthereneTV is an enterprise-wide solution composed of a set of scalable, industrial strength, network-aware appliances that allow organizations to build a video infrastructure on top of any existing IP network. Each component plays a significant role in capturing, recording, managing, distributing, and viewing your video assets.

### EtherneTV Media Distribution System

#### Features
- Search and retrieve videos
- Closed captioning
- Create channels
- Supports multiple video formats: WM and MPEG-1, 2, 4
- Video thumbnails
- Preview video
- Full-screen video
- Access control (Active Directory® and LDAP)

#### Portal Server
A web-based portal for accessing live streams and on-demand audio and video assets. Provides a user-friendly interface to locate available media assets from Windows® PCs, Macs, Linux® PCs and IP Receivers. DVD-like controls make viewing easy.
Network Video Recorder
Provides a dedicated platform to perform multiple simultaneous recordings of live streams from VBrick appliances.

Features
- Large storage capacity
- Redundant storage and dual power supplies
- Completely integrated with Portal Server, NVR, and VOD servers
- Calendar interface

Models
- NVR10 – Supports 10 simultaneous records
- NVR40 – Supports 40 simultaneous records

Scheduler (Portal Server Required)
Scheduler software allows administrators, media specialists and end users to schedule events in an easy to understand interface. Schedule live broadcasts or stored re-transmissions, recordings, and two-way conferences.

Features
- Completely integrated with Portal Server, NVR, and VOD servers
- Calendar interface
- Emergency broadcast feature allows broadcasting with the push of a button
- Multiple video formats

VOD Servers
Robust, integrated solution for stored file playback. Allows stored assets to be unicast or multicast on an IP network.

Features
- Rich media distribution to desktops and IP Receivers
- Full DVD-like controls
- Seamless integration with Portal Server
- System monitoring provides usage information
- Supports server clustering

Models
- Windows Media®
  - VOD 125 – 125Mbps
  - VOD 300 – 300Mbps
- MPEG
  - VOD 50W – 50 Mbps
  - VOD 125W – 125 Mbps
  - VOD 300W – 300 Mbps

Digital IP Receivers
Ideal MPEG decoder for large-scale cost sensitive deployment. Access live streams, request stored content, or access the web. Provides a customized, interactive television viewing experience.

Features
- MPEG-1, MPEG-2, MPEG-4, or Windows Media®
- Intuitive remote control
- Closed captioning supported
- Boot stand-alone device
- Full DHCP and DNS support
- Supports hundreds of channels

Options
Wireless keyboard
Packages designed with ease of use and durability in mind. Travel to a location, connect your camera and microphone and begin broadcasting. The packages contain everything you need to go live in an instant.

### VBDesktop

Everything you need to begin streaming live, in minutes. Simply connect the camera (included), connect the VBrick Appliance to your network and start broadcasting, today.

**Features**

- One VBrick WM Appliance
- Camera with microphone and tripod
- VBPresenter software for rich media streaming
- Prepaid hosting service designed to scale with ease
- Cables, connectors, power supply and quick start guide

### VBExpress

Fully contained version of VBDesktop. Everything is pre-installed in a hard, durable travel case, allowing you to broadcast from anywhere at anytime, without having to unpack and set up. Simply open the case, connect the camera, power, and network connection to begin Webcasting.

**Features**

- One VBrick WM Appliance
- Camera, microphone, tripod, and network switch
- Prepaid hosting service designed to scale with ease
- Durable carrying case
- Cables, connectors, power supply and quick start guide
- VBPresenter and StreamPlayer software

### VBxStream

Designed for use by emergency first-responders and news crews, our VBxStream package broadcasts high-quality video and audio signals via cell-phone or satellite uplink on VBrick Appliances. Simply connect your audio and video sources, your transmission device, and begin broadcasting.

**Features**

- One VBrick Appliance (MPEG 2/4 or WM)
- Confidence monitor
- Optional integrated wireless networking (802.11g) interface
- Prepaid hosting service designed to scale with ease
- Durable carrying case
- One-touch quick function keys
- Breakout box for satellite or cell connection
VBrick’s software solutions are designed to help interact with VBrick video appliances. Whether you need to distribute a live webcast, complete with timed PowerPoint® slides or view and record a live feed from a remote appliance, our software is easy to use and install.

StreamPlayer
Powerful and robust desktop player tightly integrated with VBrick’s appliances. Sub-second delay enhances viewing and recording of live content.

**Features**
- Viewing of live and on-demand local files
- Closed captioning support
- Recording of live streams (only with StreamPlayer Plus)
- Automatic discovery of live streaming feeds

**Options**
- StreamPlayer (view only)
- StreamPlayer Plus (includes recording features)

VBPresenter
PowerPoint® Add-In allows you to create and deliver fully synchronized slides, Q and A, audience polls, and web pages with the VBrick WM or MPEG-4 Appliance.

**Features**
- Appears as a toolbar in PowerPoint®
- Multimedia control inside PowerPoint®
- Record & upload presentations for on-demand viewing
- Attach additional materials to the presentation

Our team of talented engineers have designed hundreds of custom software and hardware solutions to meet very specific needs. Whether it’s to control an intelligent transportation system or the installation of conformally coated hardware to survive the harsh conditions of the Arctic, we invite you to challenge us with your needs.