

Enterprise IP Video Platform

VBrick's HD STB is an ideal Set Top Box for cost sensitive installations that require large-scale deployment to plasmas, LCDs, projectors and other large format displays. The user-friendly STB is controlled through an IR remote or can be scheduled by the VBrick Enterprise Media System (VEMS) Scheduler module. It can be used to access live streams or request stored content from the VOD-W Video On-Demand server. The HD STB is integrated with the VEMS Portal Server, to provide an automated streaming solution for both live streams and stored content. It supports H.264 and MPEG2 content and can be deployed either as a stand-alone device or with the VEMS Portal Server and Scheduler for enhanced functionality.

The VBrick HD STB enables everyone to enjoy a customized interactive television viewing experience that includes rich media content from the Internet and digital data broadcasting.



Models

8000-0155 – HD STB

Interoperability

- VBrick H.264 Network Video Appliance
- VEMS Standard Edition
- VEMS Professional Edition
- VEMS Enterprise Edition
- VEMS Scheduler
- VEMS Channel Guide
- VEMS Network Video Recorder (NVR) – 10 and 40 stream versions
- VEMS Distribution Server
- EtherneTV Portal Server
- EtherneTV Scheduler
- VOD-W Video On-Demand Servers

Applications **Meeting Broadcasts** - Bring high impact, rich media broadcasts into every conference room, situation room, and classroom.

Training and Education – Distribute television and educational video content directly to televisions and projectors throughout your campus.

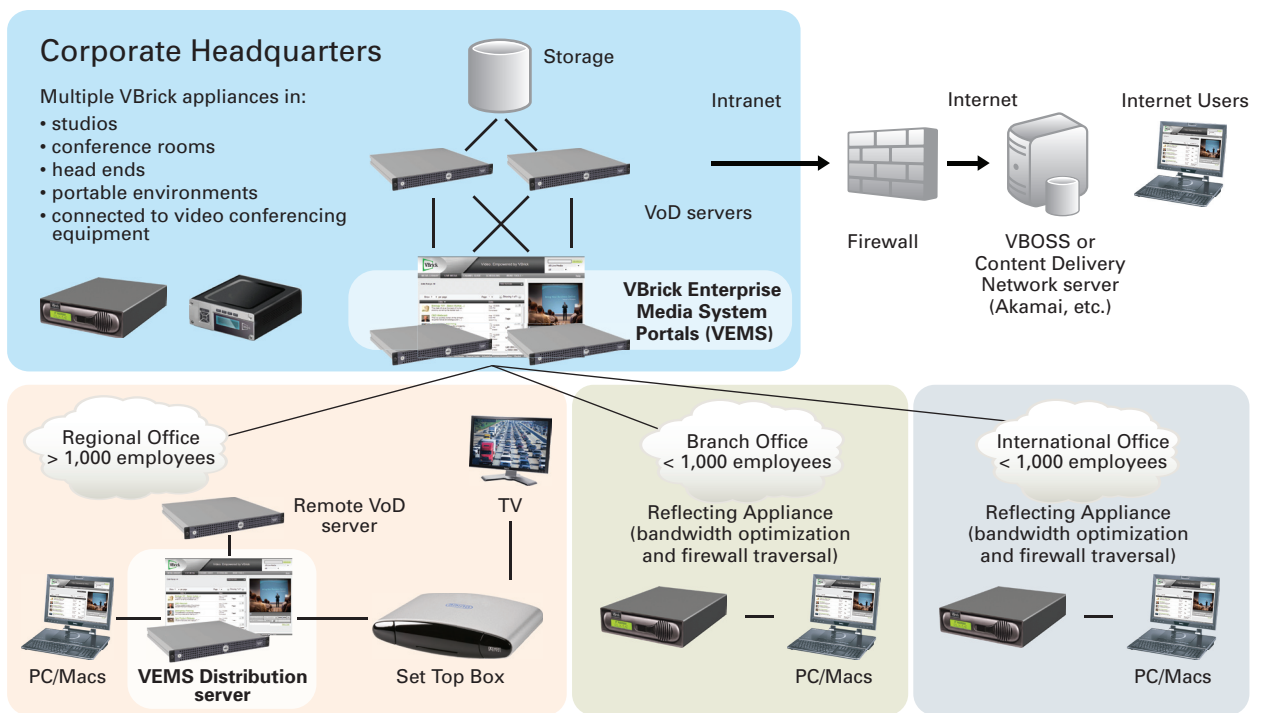
Television Distribution – Deliver real-time television programming over your existing IP network.

Digital Signage – Extend your Digital Signage reach by using IP video as a cost effective alternative.

- Capabilities**
- Multiple Operating Modes – The H.264 HD STB is configurable to decode fullscreen video 24/7 or to provide an interactive experience with user control
 - Configurable Program Guide – Display all the live H.264 streams on your network, with configurable title and info for each stream
 - High Definition and Widescreen Video – Display video with pristine quality on your plasma and LCD displays

- Benefits**
- Lower costs by reducing travel expenses
 - Increase productivity – Train with high quality video
 - Keep employees informed worldwide with regular company news broadcasts
 - Network appliance design – Simple to set up and use

**VBrick
Enterprise
IP Video
Platform**



Features and Specifications

Video

- H.264 Decoder
- Standard Definition and High Definition decode and display
- NTSC 720 x 480 @ 30 fps
- PAL 720 x 576 @ 25 fps
- HD 1280 x 720 @ 60/50 fps
- HD 1920 x 1080 @ 30/25 fps

MPEG2 Decoder

- Standard Definition decode and display
- NTSC 720 x 480 @ 30 fps
- PAL 720 x 576 @ 25 fps

Audio

- Stereo Audio
- S/PDIF
- ACC Decoder

Front Panel

- Power button, IR Window

Rear Panel

- HDMI out
- Component Video
- CVBS composite out (RCA jack through breakout cable)
- Stereo audio out (RCA jack through breakout cable)
- Optical S/PDIF
- RJ-45 LAN port
- USB port for keyboard or serial passthrough

LAN

- 10/100 BaseT

Certification

- FCC, CE

Chassis Size (LxDxH)

- L 5 1/4" x D 7" x H 1 5/8" (L 13.3 cm x 18 cm x H 4 cm)

Power Supply

- 5V DC at 3A via external supply
- UL, FCC, CE approvals

Operating Range

- Temperature from 0 to 40C, Humidity is 5% ~ 95%

Included Accessories

- Universal IR Remote Control for operation of the STB and attached monitor/TV
- Power Supply
- Power Cord
- Breakout cable with Composite Video, Component Video (YPbPr), and Stereo Audio connectors

