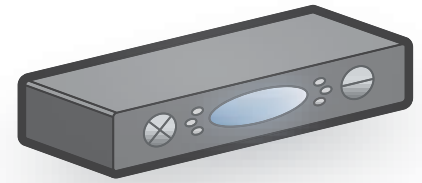




### Widen the Reach of Visual Communication

The VBrick EtherneTV Digital IP Receiver is an ideal MPEG decoder for cost sensitive installations that require large-scale deployment. The user-friendly IP Receiver is controlled through an IR remote. It can be used to access live streams, request stored content from EtherneTV-NXG Video On-Demand Server or access the Internet. The VBrick Digital IP Receiver is integrated with VBrick EtherneTV Media Control Server, to provide an automated streaming solution for both live streams and stored content. It supports MPEG-1, MPEG-2 and MPEG-4 on a single platform and can be deployed either as a stand-alone device or with the MCS for enhanced functionality.



### Interoperability

- EtherneTV-MCS Media Control Server
- EtherneTV-NXG Video on Demand Server
- VBrick 1000, 2000, and 3000 Series MPEG-1 encoders
- VBrick 4000, 5000, and 6000 Series MPEG-2 and MPEG-4 encoders
- VBrick SDK provides remote device control

### Capabilities

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

**Distance Learning** – Distribute educational material to classrooms

**Critical Information Sharing** – Provide real-time news delivery to all personnel

**Corporate News Distribution** – Stream company news and training information to desktops, breakrooms, and conference rooms

**Medical Training** – Provide up-to-date medical information to doctors and patient rooms

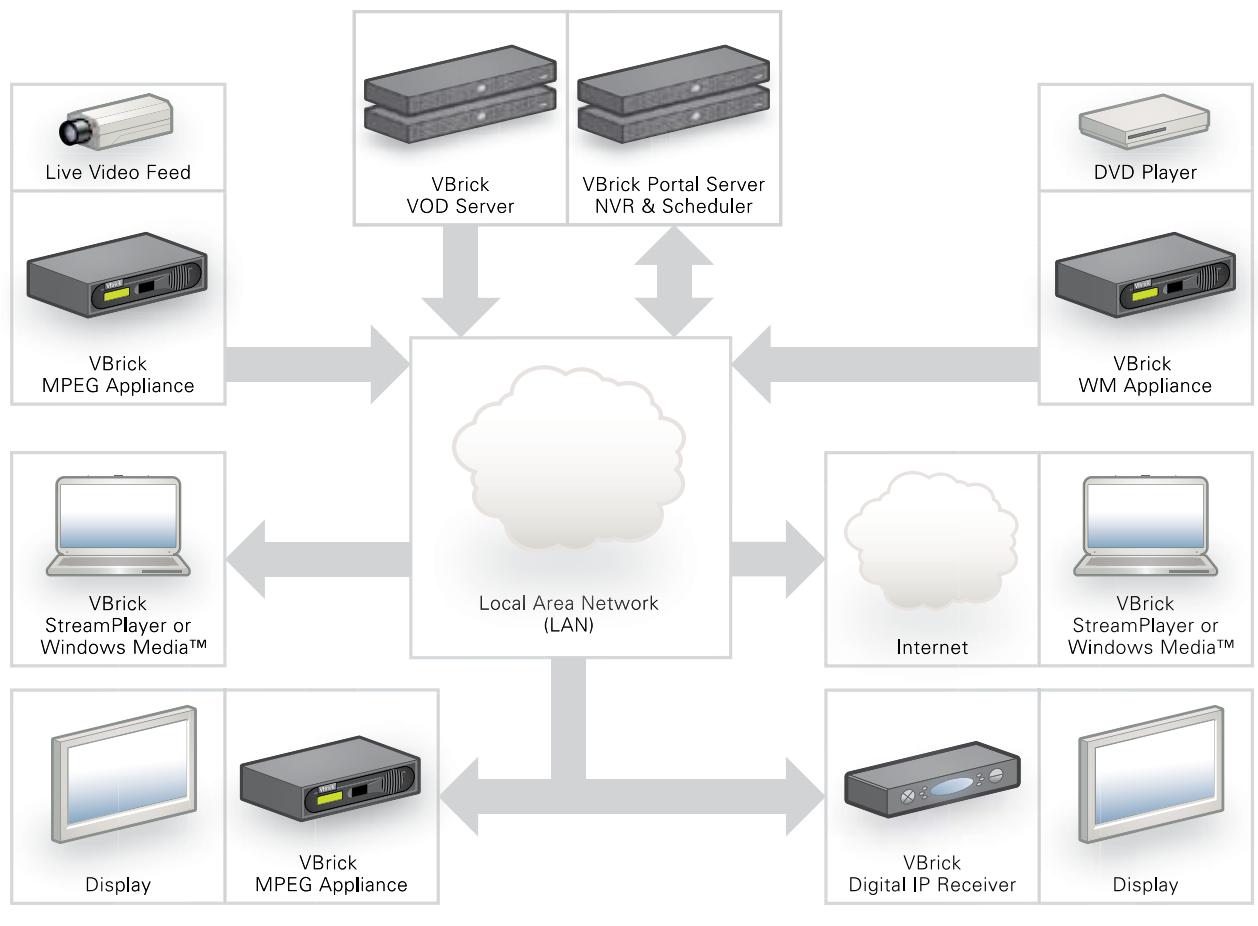
**Real Time Information Sharing** – Send real-time market information to brokers and traders

**Factory process monitoring** – Allow monitoring of production lines from remote locations

### 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

**EtherneTV System**



**Features and Specifications**

**Video**

- MPEG-1, MPEG-2 and MPEG-4 decoder support
- 2D Graphics Accelerator
- 64 bit DRAM interface optimized for SGRAM 512 x 32 up to 4MB
- 6 on chip DACS provide simultaneous VGA and TV output (S-Video and composite or RGB/SCART)
- NTSC 640 x 480 @ 60 Hz
- PAL 800x600/720x540/640x480 @ 50Hz
- On Board, Direct NTSC/PAL output

**Audio**

- Stereo Audio
- VIA VT1611A/612A audio codec with 3D
- AC97 2.1 compliant codec

**Audio/Video Switch**

- STV6412A audio/video switch matrix, I2C control

**IR Interface**

- Custom with IR/IC converted to standard PS2 code

**Flash Disk Support**

- 32 MB DOM

**Chassis Size (LxDxH)**

- 34L x 27.4D x 6H (cm): 13-3/8L x 11D x 2-1/2H (inches)

**Rear Panel**

- D-sub 15 pin VGA connector
- CBVS composite out (RCA jack yellow)
- Audio out port (RCA jack white, red)
- S-Video (4-pins DIN)
- S/PDIF output (RCA jack orange)
- Two RJ-45 LAN ports (One operational)
- Dual stacked USB port 6-pin mini DIN shared connector for PS/2 keyboard and PS/2 mouse
- Two (2) x Realtek 8100B 10/100 Base T (One port operational)

**Certification**

- FCC Part 15, UL, CE

**BIOS**

- Award BIOS with APM DIP 2Mb flash w/ boot block supported

**Power Supply**

- ATX 65W (STB) 77W (Metallic); 5V, 12V, 100-240 V auto switching
- Power Break Auto Recovery

**Operating System**

- LINUX

**Operating Range**

- Temperature from 0° to 50°C, Humidity is 5% ~ 95%, Shock is 3.5G@10ms duration, Vibration is 0.5g@22 ~100Hz



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