VBrick Systems
Windows Media IP Receiver

WM IP Receiver Release Notes

v5.1.0 Model 8000-0113-0002/0003

v4.2.1 Model 8000-0113-0000/0001

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About VBrick Systems

Founded in 1997, VBrick Systems, an ISO 9001 certified vendor, is a privately held company that has enjoyed rapid growth by helping our customers successfully introduce mission critical video applications across their enterprise networks. Since our founding, VBrick has been setting the standard for quality, performance and innovation in the delivery of live and stored video over IP networks—LANs, WANs and the Internet. With thousands of video appliances installed world-wide, VBrick is the recognized leader in reliable, high-performance, easy-to-use networked video solutions.

VBrick is an active participant in the development of industry standards and continues to play an influential role in the Internet Streaming Media Alliance (ISMA), the MPEG Industry Forum, and Internet2. In 1998 VBrick invented and shipped the world's first MPEG Video Network Appliance designed to provide affordable DVD-quality video across the network. Since then, VBrick's video solutions have grown to include Video on Demand, Management, Security and Access Control, Scheduling, and Rich Media Integration. VBrick solutions are successfully supporting a broad variety of applications including distance learning and training, conferencing and remote office communications, security, process monitoring, traffic monitoring, business and news feeds to the desktop, webcasting, corporate communications, collaboration, command and control, and telemedicine. VBrick serves customers in education, government, healthcare, and financial services markets among others.

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v5.1.0 Model 8000-0113-0002/0003

v4.2.1 Model 8000-0113-0000/0001

This document contains Release Notes for the VBrick WM IP Receiver. Any information contained in this document is VBrick Systems customer confidential and should not be reproduced or distributed to non-VBrick customers. This document has the following information:

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What's New in this Release

This release adds new WM IPR hardware models (8000-0113-0002 and 8000-0113-0003). These models are nearly identical (the build components are slightly different) and are backward-compatible with EtherneTV 4.4.3 or higher and VEMS 5.1 or higher. They have the following constraints:

- VGA operation requires a change to the BIOS and a restart. The "Decoder Configuration" topic the *WM IPR Admin Guide* explains this procedure.
- Some USB keyboards are not recognized and will not work with the IPR.
- Connecting the WM IPR to your network through a network hub is strongly discouraged.

Note If you get a "page not found" error on the monitor or set top box, use the IR Remote Control unit to refresh the page. Press the unlabeled button to the right of the Enter button to reload page.

Compatibility

This WM IP Receiver software release is tested, supported, and compatible with the following:

- VBrick Enterprise Media System (VEMS) 5.1 or higher
- EtherneTV Portal Server v4.4.3 or higher
- VBrick v4.0.0c or higher WM encoders
- Windows Media 9 Series Servers

Software Upgrade

Models 8000-0113-0000 and 8000-0113-0001 only. The WM IP Receiver already has the latest software installed. If you need to reinstall the software for any reason, please contact VBrick Support Services. Note that this is the first release of the model 8000-0113-0002/0003 hardware and software and there is presently no upgrade available for this model.

Caveats

This section addresses known issues and bugs, most of which have an easy workaround. For more information about any item, or help with an issue not listed here, contact your reseller or VBrick Support Services.

- When connecting a monitor to the DVI port on the set top box, you must connect both ends of the cable (to the monitor and set top box) *before* powering on the set top box.
- MMS URLs are not supported on the WM IPR. If you experience problems playing a stream with an MMS URL, try an HTTP URL instead. For example, if mms://172.22.117.1/programs/mystream fails to play, try http://172.22.117.1/programs/mystream
- When performing an upgrade, the **Video Output Settings** (on the **Decoder Configuration** page) are not saved. For best results, manually record the **Video Output Settings** *before* performing an upgrade. You will have to re-enter these settings (using IWS) after the upgrade.
- The Portal Server **Start Mode** URL configured in IWS at Configuration: General > Start Mode must start include **http://** before the IP address or hostname of the Portal Server. For example, you must configure **http://172.22.1.100** or **http://myPortalServer.loc**. URLs such as myPortalServer or 172.22.1.100 (without the http://) will not load properly after a reboot.
- Changes to the output volume on the **Decoder Configuration** screen do not take effect until the next reboot.
- The red recording message below the player is not cleared when a recording is cancelled or when the maximum record duration is reached. To work around this issue, re-select the stream and click **Record**. This will not record the stream but will clear the message.
- When playing streams with a low bit rate or low frame rate (for example streams coming from a VBrick WM Appliance configured for the **Security and Surveillance** or **Modem 56K** template), the IPR will rebuffer frequently. To avoid this issue, go to **Configuration > Decoder > Buffer Duration** on the IPR and increase the buffering.
- The WM IPR is not compatible with Cisco's Application and Content Networking System (ACNS).
- VBrick WM encoders support three groups of audio and video bit rates but the WM IPR does not currently support multiple bit rate (MBR) streams. If you try to play an MBR-encoded stream, it will fail to play with an error message from the IPR web server unless you specify the group number when configuring the **Local** and **Local-Fullscreen** URLs as shown below. Note: Use group2 or group3 only at resolutions of 240x180 and below.

  http://<encoder_ip_address>/vbrickvideo1/**group1**
- Administrators are automatically logged out after changing network parameters to avoid being locked out when the IP address is changed. Consequently, you must login again to see the results of your Apply. If you changed the IP address, be sure to write down the new IP address before reconnecting to the IPR.
- Some streams on the Internet fail to play properly on the IPR.
- When recording a stream from the WM IPR in Portal Server mode, a rectangular red box is displayed in the lower-right area of the window to show that a recording is in progress. If you never leave the page, you can stop the recording by simply pressing the **Record** again. If you leave the page however (e.g. if you choose **MENU** and select another option),

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you must reselect the stream (and *then* press **Record**) to stop the recording and close the box.

- In general, do not change parameter values on the **Decoder > Configuration** page except as directed by VBrick Support Services.
- If you press the **Back** button on the Remote Control after changing the **Start** mode, the IPR will revert to the start page for the previously configured mode. To work around this issue, go to the General Configuration page in IWS and click **Apply**.
- Multicast streams from VBrick v4.0.0 and v4.0.0a WM encoder streams will not play in the WM IPR. The workaround is to upgrade to VBDNA v4.0.0c or later.
- If the IPR displays a VBPresenter page when **Start** mode is set to Portal Server, there may be a conflict if VBPresenter and the Portal Server are installed on the same machine. The *Portal Server Release Notes* explain how to work around this issue.
- The IPR may not power up immediately after being plugged in or when briefly pressing the front panel power button—although the power supply fan will run. If this happens, hold down the front panel power button for 10 seconds to turn off the fan. Then press the front panel **Power** button briefly and the IPR will power up normally.

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