



## Firmware Revision Information

**Product Code(s):** *ACR1000A-CTL*

**Product Name(s):** *ServSwitch Agility iPath Manager*

**Date Modified:** *January 10<sup>th</sup>, 2013*

### Please read before attempting installation or upgrade of Agility dual-head/dual-link on your iPath system:

1. Agility dual-head/dual-link (ACR1002A) requires iPath version 2.0 or higher in order to function
2. Before installing or connecting the Agility dual-head/dual-link (ACR1002A) units to your system, you must first upgrade the iPath manager to version 2.0 or higher. See <http://www.blackbox.com> and search for ACR1000A-CTL to get the latest version found under the “Resources” tab.
3. Select iPath version 2.0 or higher and follow the upgrade procedure for that specific version

### Instructions for Upgrade:

1. Log into the iPath manager via the web interface and log into the system with the admin account
2. Navigate to **Dashboard >> Updates**
3. Locate “Upgrade iPath Software” and browse for the firmware file of your choice.
4. Click on the “Upload” button and your iPath manager will now be using the firmware you uploaded

### Version 2.3.19767

**Note:** This iPath firmware version must be used with ACR1000A & ACR1002A firmware version 2.7 or later.

#### Additions:

- Support for a new compression algorithm (AFZ) on Agility Dual ACR1002A-T. A new lossless compression scheme is supported in this release of iPath firmware for the Agility Dual ACR1002A-T. There are no user interactions as the choice of compression scheme is automatic depending on the type of data and type of Agility unit that is being interfaced.
- Added user login with no passwords. It is now possible to login with username but no password.
- Added user logout automatically. A setting is now available to automatically logout users after a set amount of inactivity.
- Added channel changes via API. The API has been extended to allow channel changes. See API documentation.
- Added new USB setting. Two new USB features have been added. The ability to attach combined USB devices which include isochronous endpoints. While isochronous USB is still not supported, we have added the ability to ignore isochronous endpoints. Some USB devices like iPhones and Bloomberg keyboards have multiple USB devices reported. If only one of these devices was isochronous (e.g. supports audio) the entire device was rejected by the system. Now we have added the ability to ignore isochronous endpoints so while the

audio part of the device will still not work, the other functions will. An iPhone can now be used as a memory device.

- Added new USB HID devices only setting. Excludes all other devices when enabled (e.g. flash drives)
- Added new hot plug detect settings. Hot plug detect signal can now be extended to 1 second
- Added static IP for second Ethernet port on iPath controller

#### **Improvements:**

- Improved OSD when using low resolutions. The OSD is still 800x600, however when displayed on a monitor which supports less than this, scroll bars appear so it is possible to navigate to all parts of the OSD.
- Improvement on Settings page. The settings page had become too long and now has been split up into 5 manageable tabs.
- Improvement on Selection of presets from the OSD menu. It was previously possible to close the OSD if the preset did not include the receiver that was being used.

#### **Known Issues:**

- It is still possible to change iPath IP address to an address that is in use on the network already.
- There is a 45 character limit in the name fields.

### **Version 2.2.17725**

- Baseline release with cosmetic fixes

### **Version 2.1.17568**

- Will allow the ACR1002A units with firmware 2.3 or higher to be supported. Magic eye will only run on ACR1002A units that have firmware version 2.3 installed
- Added support for ACR1002A Magic Eye which reduces network bandwidth on graphics cards that dither DVI video output. This is enabled by default.
- Added new global settings for microphone audio input level, network medium and fibre protocols
- Added Video compatibility check so the receiver can display the video connected. If not in range, an error is displayed in the OSD
- Added user interface improvements such as green/yellow buttons to channels. This is disabled by default
- Added additional dual-link EDID information (2048Xwxyz)
- Added license software for upgrades
- Improved factory reset of iPath
- Improved restore of backups
- Improved active directory support
- Improved IP address validation
- Improved dual-link EDID info, no longer sends to non dual-link units
- KNOWN ISSUES: ETH 2 port on iPath cannot be configured with static IP address, this requires DHCP. Static IP addressing scheduled for next release of firmware

### **Version 2.0.16037**

- First release o support ACR1000A and ACR1002A on the same network/system
- Only works with ACR1000A and ACR1002A units that have firmware version 2.1 or higher
- Added support for Agility dual-head/dual-link models
- Added ability to upload/upgrade backup firmware on devices
- Added feature to clone users, channels, groups and presets
- Added filters for connection logs

- Added batch delete on all screens in the iPath manager web interface
- Improved OSD; combined channels/presets, better filtering and favourites)
- Admin can now create audio or video or USB only channels

### **Version 1.8.16067**

- This firmware is for Factory release only
- This version prevented the corruption of the database by the addition of an ACR1002A unit

### **Version 1.6.13935**

**Note:** This version of iPath firmware is best used with Agility single-head units (ACR1000A) running version 1.14.14363. If your Agility units are currently running on a different version of firmware, they can be upgraded to this version of firmware using the iPath manager.

- Added the USB speed and hub size options in the transmitter configuration web page

### **Version 1.5.13643**

- Added keyboard country code settings for the receiver configuration web page

### **Version 1.4.13328**

- Hot plug detect timings made available on transmitter configuration web page
- Dummy boot keyboard made available on transmitter configuration web page
- Ability to disable OSD alerts
- OSD remembers the last user page per user session

### **Version 1.3.12564**

- Added API integration support (basic)

### **Version 1.2.12444**

- Original shipping release