

**Note:** To determine which hardware version you have, extend the B070-016-19-IP keyboard/LCD drawer out of the rack as you would when opening the drawer to use the console. The serial number appears on a sticker on the side of the drawer. Depending on your model, you may need to lift the LCD panel to see the serial number. (See photos below). The hardware version is identified by the 6 alpha numeric characters starting with “CB”. They are found in digits 8-13 of the serial number. If you found CB6830, CB7337, CB7509, CB7945 or CB8621, then you have Hardware version 1, and should use the firmware included with this file. If you found any other number, you have hardware version 2, and should use the firmware named B070-016-19-IP HW v2 Firmware.



The B070-016-19-IP has two sets of firmware; one to control IP access, and the other to control the KVM's Mainboard and OSD. The Mainboard/OSD firmware is also used to upgrade the firmware of the Server Interface Units (B078-101-PS2 and B078-101-USB) that are used with the KVM. The IP firmware is upgraded via the internet by accessing the KVM's web configuration interface. The Mainboard/OSD firmware is upgraded at the local console via a Windows based firmware upgrade utility. This document lists the current firmware versions available for the B070-016-19-IP, and includes notes on what has changed from previous versions.

### **IP Firmware**

The B070-016-19-IP KVM's IP firmware version number can be obtained by accessing the KVM's web configuration interface. This procedure is described in the *B070-016-19-IP KVM FW Procedure* file. **Note:** Firmware prior to v3.0.5.537 will use a .up firmware upgrade file. Firmware v3.0.5.537 and later will use a .64b firmware upgrade file.

Current IP Firmware version – v3.0.5.583

### **Mainboard/OSD Firmware**

The version numbers associated with the B070-016-19-IP KVM's Mainboard/OSD firmware can be obtained by using the firmware upgrade utility. This procedure is described in the *B070-016-19-IP KVM FW Procedure* file.

The Mainboard/OSD firmware is made up of 3 parts, each of which has their own version number; *Translator F/W Version*, *Manager F/W Version* and *OSD F/W Version*. All three versions can be updated at the same time, using the same firmware file. The current firmware versions being used with the B070-016-19-IP are listed below for you to reference when checking to see if your KVM is up-to-date. Also listed are the current firmware versions for the B078-101-USB and B078-101-PS2 Server Interface Units, which only have one firmware type each.

***B070-016-19-IP***

OSD F/W Ver - OSD Ver 1.0 B137 22/01/2008

Manager F/W Ver - MST 1.6 B253 21/12/2008

Translator F/W Ver - TRANS Ver 1.0 B26 22/01/2008

***B078-101-USB***

F/W Ver - NetCommander SIU II USB En v2.2 C15 B153 11/02/2009

***B078-101-PS2***

F/W Ver - NetCommander SIU II PS/2 v2.2 C12 B75 17/02/2009

**Firmware Version Notes**

**IP Firmware v3.0.5.583** – Updates from the previous version include the following:

- Fixed issue which caused JNLP not to launch using Java 1.7
- Fixed issue in which Java client crashes on change resolution from 800x600 \ 1024x768 to 1280x1024 when working with low bandwidth
- General performance enhancements

**IP Firmware v3.0.5.537s2** – Updates from previous versions include the following:

- Provides security enhancements

**IP Firmware v3.0.5.537** – Updates from previous versions include the following:

- Installs a new 32-bit, browser independent, Java-based client
- Allows Windows OS's to use any 32-bit browser to remotely access the KVM
- 32-bit Linux operating systems can use Firefox 32-bit
- The look of the web configuration interface has changed.
- Updated full screen mode
- Enhanced share mode
- ***Note:*** v3.0.5.227 must be installed in order to install the v3.0.5.537 firmware.

**IP Firmware v3.0.5.227 v9** – Updates from previous versions include the following:

- Login screen contains a button to toggle between *Admin* and *Remote* access. It is no longer necessary to type in the IP address/config to access the *Admin* login screen.

- Support for Firefox has been added.
- The look of the remote toolbar has been changed.

**Manager F/W Ver - MST 1.6 B253 21/12/2008** – This is the standard Manager firmware for the B070-016-19-IP. It can be found in the *TrippLite\_Package\_Cirque\_Touchpad\_20100506.tfp* file.

**OSD F/W Ver - OSD Ver 1.0 B137 22/01/2008** – This is the standard OSD firmware version for the B070-016-19-IP. It can be found in the *TrippLite\_Package\_Cirque\_Touchpad\_20100506.tfp* file.

**Translator F/W Ver - TRANS Ver 1.0 B26 22/01/2008** – This is the standard Translator firmware version for the B070-016-19-IP. It can be found in the *TrippLite\_Package\_Cirque\_Touchpad\_20100506.tfp* file.

**F/W Ver - NetCommander SIU II USB En v2.2 C15 B153 11/02/2009** – This version of the B078-101-USB firmware is an update to *F/W Ver – NetCommander SIU II USB En v2.1 C8 B148 14/09/2008*, which was the initial firmware version of this SIU. The new firmware supports the System Request [Sys Rq] keyboard key, and has fixed issues with the scroll button on Microsoft mice. It can be found in the *TrippLite\_Package\_Cirque\_Touchpad\_20100506.tfp* file.

**F/W Ver - NetCommander SIU II PS/2 v2.2 C12 B75 17/02/2009** – This version of the B078-101-PS2 firmware is an update to *F/W Ver – NetCommander SIU II PS/2 v2.1 C9 B69 09/11/2008*, which was the initial firmware version of this SIU. The new firmware supports mouse hot plugging. It can be found in the *TrippLite\_Package\_Cirque\_Touchpad\_20100506.tfp* file.