

KV1721A, KV1726A Modules

USB Server Access Module

Firmware Version 4.3.0.0

Release Notes

May 1, 2007

This document outlines:

1. SAM-USB and SAMDM-USB firmware version and compatibility
2. How to upgrade SAM-USB and SAMDM-USB modules
3. Enhancements
4. Fixes

SAM-USB and SAMDM-USB Firmware Version Information and Compatibility

Version 4.3.0.0 of SAM-USB and SAMDM-USB firmware is intended to be used with the following OCTET® firmware/software versions:

- OctoWare® Java-based system administration tool	revision 3.4.0.0
- KV170x switch	revision 3.6.0.0
- KV1710 user station	revision 4.1.3.2
- KV1711/KV1712 user stations	revision 4.3.1.9
- KV1711-R2 / KV1712-R2 / KV1713 user stations	revision 4.5.0.0

How to Upgrade SAM-USB and SAMDM-USB Modules

To upgrade the firmware in the SAM-USB/SAMDM-USB modules, you will need to copy the file **sammd8usb.bbx** to a sever running OctoWare® software rev 3.4.0.0. Then, follow the instructions in OctoWare software for downloading the new SAM module firmware.

1. Download the file "sammd8usb.bbx" to a drive that is accessible by the server running OctoWare software.
2. Using the OctoWare software, download the file to all the SAM modules that are to be upgraded. To do this, select Admin Tools - Software Upgrade, select the file "sammd8usb.bbx" and the names of the SAM modules to be upgraded, and then click "Begin Upgrade".

Go to ftp.downloads.black-box.de for information on getting the latest firmware versions for all OCTET devices.

Enhancements

This release of firmware contains the following enhancements since 4.2.0.8:

1. Support of F13 to F24 keys in conjunction with KV1711-R2 / KV1712-R2 / KV1713 on PS2 keyboards and on USB keyboards.
2. Video resolutions of 1920x1440 @ 60Hz and 1920x1200 @ 60Hz are now supported at distances of up to 100ft (30m) when also using the latest firmware (revision 4.5.0.0) on the KV1712-R2 or KV1713 user station.
3. Video resolution of 1600x1200 up to 75Hz is now supported at distances of up to 200ft (60m) when also using the latest firmware (revision 4.5.0.0) on the KV1712-R2 or KV1713 user station.

4. Support for a number of widescreen video resolutions with SAM DDC EDID table as follows:

- a) VESA 848 x 480 (16:9)
- b) VESA 1360 x 768 (16:9)
- c) VESA 1440 x 900 (16:10)
- d) VESA 1680 x 1050 (16:10)
- e) VESA 1920 x 1200 (16:10)

Fixes

This release of firmware contains the following fix since 4.2.0.8:

1. The Sam module could loose it's DDC settings in certain circumstances during a power cycle of the Sam module. This issue has been fixed.