

Flash Utility features / procedure

The ViewLink Catx was designed to easily keep up with the ever changing electronic world. The flash feature of the ViewLink CATx means the product will always be up to date with new technologies, features, and enhancements.

Updating the flash memory is an easy process using Rose's flash utility. The universal flash utility is easily installed and can be used on a variety of Rose products. When executed, the flash program will automatically detect the product type to flash, validate the connections, and verify the product firmware version.

To flash update the ViewLink CATx firmware you will need the flash utility program and the firmware update file. The flash utility and current firmware file for the ViewLink CATx can be downloaded from our web site at www.rose.com/htm/download.htm.

After downloading the flash utility program and the firmware update file, execute the program "SetupRoseKVMUtil-x_xx.exe" (x_xx = version level) to install the flash utility program. Installation and set-up follow the standard Windows® installation procedure. Follow the on-screen instructions to properly install the flash utility.

When installation of the flash utility is complete, connect the ViewLink CATx receiver unit's RJ45F (Link) connector to the serial port (Com1/DB9M) on the PC the flash utility program was installed on using the flash utility cable (RJ45M to DB9F cable, P/N CAB-ATRF). Connect the power adapter to the ViewLink CATx receiver unit and apply power.

With all cable connections in place and the flash utility installed, execute the flash program "...\\Rose Electronics KVM Utility\\KVMUtility.exe". Depending on the installation options chosen, you can execute the utility by clicking on the Rose Electronics KVM Utility Icon from the desktop, Start Menu, or Quick Start toolbar. The utility program, when executed, will automatically start scanning for a connected supported Rose product (ViewLink CATx receiver). The utility program will automatically start scanning COM1 and the PS/2 port for a supported device. If a supported device is not found on COM1 or the PS/2 port, the program will display the information shown in Figure 4 To exit, press any key.

If the product has been connected to a port other than COM1, don't exit the utility program but modify the port to scan by clicking on "File" then "Scan for Device On". Next, click on the down arrow(s) to select a different COM port or change the serial parameters as shown in Figure 5.

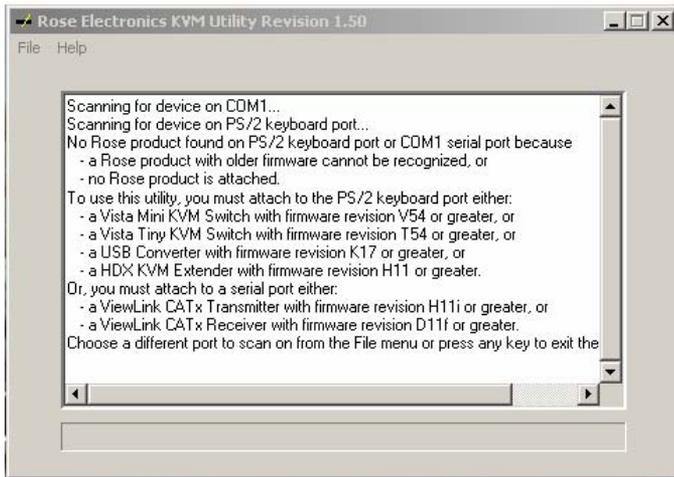


Figure 4. Flash Scan Screen

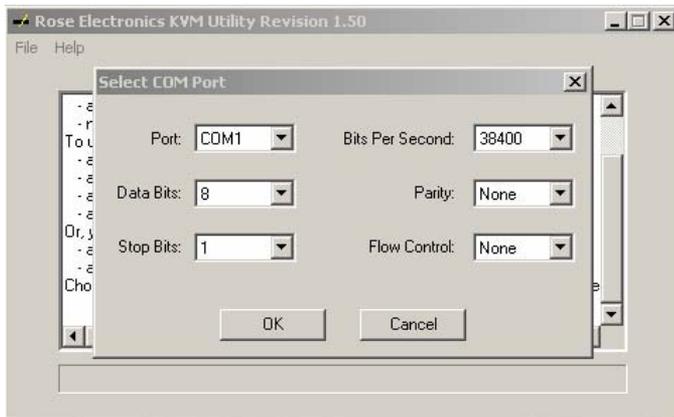


Figure 5. Flash Port Configuration

Upon successfully scanning and identifying a supported device, the detected information shown in Figure 6 will display showing the product type and the port it is connected to. The ViewLink CATx is ready to flash with the new firmware.

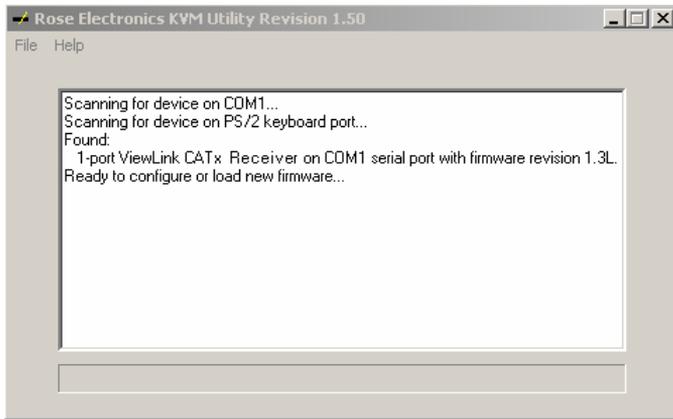


Figure 6. Flash scan

To load the updated firmware to the ViewLink CATx, click on “File”, then “Load New Firmware”. Select the downloaded firmware update file to load. This will be a file with .hex file extension. Figure 7 show the flash update screen which shows the progress and, when finished, the status of the flash process. When the message “New firmware successfully loaded on device” displays, the ViewLink CATx product is updated and ready to use with the updated firmware.

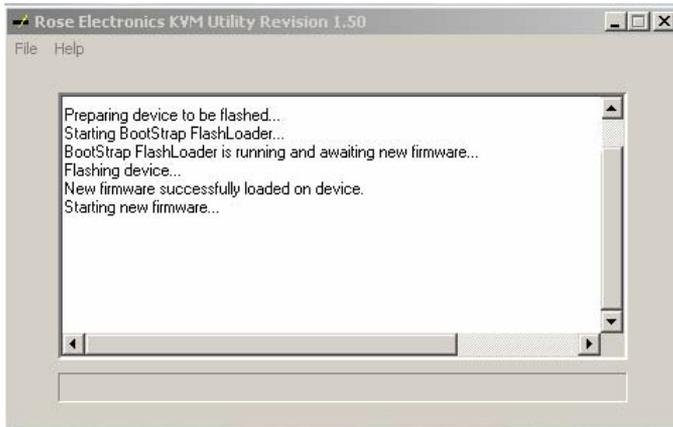


Figure 7. Firmware update screen

Click on “Help” for additional information and examples.