

Title:	Bitcoin Miner Tech Bulletin				
Date:	04/30/2014	Version:	V1.0	Pages	2
Product:	Hikvision DVR, NVR				
Action Required:					

Recently Hikvision has been made aware of a potential vulnerability to our DVRs and NVRs. There has been some publicity recently over the “bitcoin miner malware” as a potential security threat to DVRs. Hikvision USA wants to assure our partners that this has not affected the overwhelming majority of our customers. In North America, Hikvision USA provides its customers with customized recorder firmware. For most recorders, the firmware which defends against this vulnerability has been shipping since October 2013.

The only way that the recorder can be compromised by this hack is if it is put onto a public IP or put in the DMZ zone of a router, with the defaults unchanged. As a product sold into the professional security market, good practice dictates that a default user and pass code are changed after installation. If your device meets one or both of these scenarios, you should upgrade the firmware of your device to the latest available version.

**This bulletin is to provide you with best practices for upgrading your DVR to a newer firmware.**

1. Disconnect the device from the network by unplugging the Ethernet cable to the device.

2. Export the config file from the device.

Please note: If you are changing to a newer version of firmware you may not be able to import the device configuration file.

3. Upgrade the DVR firmware to the latest.

4. Restore to default settings.

5. Import the config file to the device.

6. Change the default password.

7. Plug back the Ethernet cable to the LAN port of the device.

Below is the firmware list

DVR NVR Model Name	Firmware Version
DS-7204HWI-SH	USA GUI v2.2.8_130902
DS-7208HWI-SH, DS-7308HWI-SH	USA GUI v2.2.8_130902
DS-7216HWI-SH, DS-7316HWI-SH	USA GUI v2.2.8_130902
DS-9008HFI-ST, DS-9016HFI-ST, DS-9016HWI-ST, DS-9616NI-ST, DS-9632NI-ST, DS-9664NI-ST, DS-9632NI-RT, DS-9664NI-RT, DS-7716NI-SP/16	USA GUI v3.1.0_140429
DS-7604NI-SE/P, DS-7608NI-SE/8P	USA GUI v2.3.7_140122
DS-7204HVI-ST, DS-7208HVI-ST	USA GUI v1.3.0_131022
DS-7216HVI-ST	USA GUI v1.3.0_131022

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DS-7308HFI-ST, DS-7316HFI-ST	USA GUI v2.0.3_131003
DS-9008HFI-SH, DS-9016HFI-SH, DS-9608NI-SH, DS-9616NI-SH	USA GUI v1.3.6_130822