Cybersecurity of GV-IP Devices Ensured by Updating to the Latest Firmware

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Summary

Everyday comprehensive tests are conducted for all GV-IP Devices to safeguard against any potential cybersecurity hazard. Henceforth corresponding firmware upgrades are released whenever plausible security concerns are raised.

Time and again GeoVision commends all valued partners and users of GeoVision products to upgrade to the latest firmware available for assured data protection.

Reference: For more details on the network security measures by GeoVision, please visit http://www.geovision.com.tw/security.php

Addressed

In the wake of the security vulnerabilities that have been reported of late, GeoVision has actively responded, as noted by a section within the IPVM disclosure report illustrated below, by releasing a series of firmware upgrades to resolve the issue.

Positive Response / Cooperation From Geovision

One positive element to note, Bashis, as described in the excerpt below, reported that Geovision was cooperative and responsive in dealing with the issues that Bashis reported:

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Timeline:
November 5, 2017: Initiated contact with Geovision
November 6, 2017: Response from Geovision
November 8, 2017: Informed Geovision about quite dangerous bug i
November 8, 2017: Responce from Geovision
November 15, 2017: Reached out to Geovision to offer more time u
                   (due to the easy exploiting and number of vul
November 17, 2017: Request from Geovision to have time to end of
November 18, 2017: Agreed to FD date of February 1, 2018
November 20, 2017: Received one image for test purposes
November 26, 2017: ACK to Geovision that image looks good
January 16, 2018: Sent this FD and PoC Python to Geovision for c
January 17, 2018: Received all OK from Geovision, no objections,
January 17, 2018: Thanked Geoviosion for good cooperation.
February 1, 2018: Full disclosure
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See below for the full list of applicable camera models and their latest firmware.

Latest Firmware

*Note that all firmware of the below **versions or later** have resolved the network vulnerability issue for their applied models.

Content

GV-IP Camera

Model Number	Firmware Version	Download Link
All Cameras of (suffixed) 120 / 1200 series	V3.14 2017-12-06	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/BX120/GV-BX120_V314_171206_128M.zip
All Cameras of (suffixed) 1500 / 2500 series	V3.14 2017-12-06	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/BX1500/GV-BX1500_V314_171206_128M.zip
All Cameras of (suffixed) 130 / 220 / 320 / 520 / 1300 / 5300 series	V3.14 2017-12-06	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/BX220/GV-BX220_V314_171206_128M.zip
All Cameras of (suffixed) 2400 / 3400 series	V3.14 2017-12-06	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/BX2400/GV-BX2400_V314_171206_128M.zip
GV-FE420 / 421 / 520 / 521 / 2301 / 2302 / 4301 / 5302 / 5303 GV-FER521 / 5302 / 5303	V3.14 2017-12-06	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/FE420/GV-FE420_V314_171206_128M.zip
GV-FE3402 / 3403 GV-FER3402 / 3403	V3.14 2017-12-06	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/FE3400/GV-FE3400_V314_171206_128M.zip
GV-EBL1100 series / 2100 series GV-EBX1100 series / 2100 series GV-EDR1100 series / 2100 series GV-EFD1100 series / 2100 series	V1.11 2017-12-08	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/Target/GV-EBL1100_V111_171208_128M.zip
GV-EBL5101 GV-EFD2101 / 3101 / 5101 GV-EVD2100 / 3100 / 5101	V1.06 2017-12-08	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/Target2/GV-EVD3100_V106_171208_128M.zip

Model Number	Firmware Version	Download Link
GV-BL3700 / 5700 GV-BX2700 series / 4700 series / 4700-E / 5700 series GV-EBL4702 series GV-EDR4700 series GV-EFD4700 series GV-EFER3700 / 3700-W GV-FER5700 GV-MFD2700 series / 4700 series GV-VD2702 / 2712 / 3700 / 4702 / 4711 / 5700 / 5711	V1.09 2017-12-22	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/H.265/GV-VD5700_V109_171222_256M.zip
GV-EBL2702 GV-EDR2700 GV-EFD2700 / 270T	V1.03 2018-01-17	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/H.265/HISI2/GV-EBL2702_V103_180117_256M.zip
GV-EBL2101 / 2111 / 3101	V1.02 2018-01-05	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/Target3/GV-EBL2101_V102_180105_256M.zip
GV-PPTZ7300	V1.02 2018-01-17	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/IPCamera/PPTZ7300/GV-PPTZ7300_V102_180117_128M.zip

GV-LPR Camera

Model Number	Firmware Version	Download Link
GV-LPR Cam 5R GV-LPC1100 / 2210	V1.06 2018-01-09	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/LPR/IPLPC/GV-IP_LPR_CAM_5R_V106_180109_128M.zip
GV-LPC1200 GV-LPR1200	V2.02 2018-01-15	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/LPR/IPLPR/GV-LPR1200_V202_180115_256M.zip
GV-LPC2011 / 2211	V1.03 2018-01-03	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/LPR/IPLPC/GV-LPC2011_V103_180103_256M.zip

GV-Video Server

Model Number	Firmware Version	Download Link
GV-VS2400 / 2420	V1.07 2018-01-29	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/VideoServer/VS24XX/GV-VS24XX_V107_180129.zip
GV-VS2800 / 2820	V1.03 2018-01-23	http://54.200.75.24/english/EncodeUrl.aspx?source=http://d3i1pmbs94lc9y.cloudfront.net/Firmware/VideoServer/VS28XX/GV-VS28XX_V103_180123.zip