
GRANDSTREAM NETWORKS

Firmware Release Notes

Firmware Version: 1.0.4.27

Product Name: GXV36XX / GXV35XX

Date: September 28, 2011

SUMMARY OF UPDATES

CHANGES SINCE FIRMWARE RELEASE 1.0.4.16

BUG FIXES

- Fixed: Downgrade version, sip set is missing
- Fixed: Sip page default value problem
- Fixed: When event alarm is triggered , "Upload to Alarm HTTP Server" is not working
- Fixed: Enable SIP open door, DI trigger wasn't fully overridden
- Fixed: Device's default upgrade path should be "fm.grandstream.com / gs"
- Fixed: HTTP motion detection notification
- Fixed: WiFi ra0 lose automatic reboot
- Fixed: NUUO talk bug
- Fixed: GXV3611LL, 3601LL & 3615 API values for contrast, brightness and saturation don't match the corresponding value.
- Fixed: Synchronization with ONVIF test tool v1.02.3.5
- Fixed: Support for automatic selection of WEP/ OPEN, WAP PSK, WAP2 PSK when you have to manually set between open and shared.
- Fixed: GXV3504 HTTP API has wrong value for brightness
- Fixed: Devices must send keep alive packets to the STUN and the SIP server
- Fixed: Added " Do not receive audio" option for SIP calls
- Fixed: GXV3601HD 2 way voice problem
- Fixed: Cannot visualize the GUI of the GXV3611LL
- Fixed: Support for ONVIF on channels 2,3 and 4 of the GXV3504
- Fixed: ONVIF can't discover the devices
- Fixed: Added support for check-sync header in SIP Notify
- Fixed: Improved support for simultaneous PTZ command
- Fixed: Added device name to the subject of the warning email
- Fixed: Added feature to send the snapshot to a FTP server when the warning is triggered
- Fixed: SIP, added on hook timer.
- Fixed: SIP, Cannot retrieve 2 way audio after holding the call.
- Fixed: SIP, Registration mechanism follows RFC3261
- Fixed: Audio SIP alarm voice
- Fixed: GXV3601HD and GXV3611HD. When the cameras reboot, they will not remember the correct powerline frequency.
- Fixed: Support for P Value configuration of SIP parameters.
- Fixed: Search tool can't modify the IP address.
- Fixed: After adding an administrator, then the anonymous mode doesn't work correctly.
- Fixed: GXV3504, alarm output doesn't switch correctly
- Fixed: 2 way audio noise issue
- Fixed: GXV3501, anonymous feature doesn't take effect
- Fixed: GXV3504, added support for 4 x D1 resolution at reduced bitrate
- Fixed: GXV3615 can't turn off the LED light
- Fixed: Added DDNS support for Grandstream
- Fixed: Added an option to allow the user to set the duration time of the alarm output.

ENHANCEMENTS

- Added support for NUUO VMS with Device pack 1.13

Firmware Version: 1.0.4.16
Product Name: GXV36XX / GXV35XX
Date: March 8, 2011

CHANGES SINCE FIRMWARE RELEASE 1.0.4.11

BUG FIXES

- Fixed GXV3501 anonymous feature does not work
- Fixed device does not save user settings for brightness, contrast and saturation

ENHANCEMENTS

- Added GXV3504 4xD1 mode
NTSC:
H264 – 4x(704x480), 2048kbps@15fps + no secondary stream
H264 – 4x(704x480), 1536kbps@19fps + no secondary stream
H264 – 4x(704x480), 1536kbps@15fps + secondary stream 4xQCIF (176x112)
128kbps@10fps
MJPEG – 4x(704x480), 4096kbps@15fps + no secondary stream

PAL:
H264 – 4x(704x576), 2048kbps@13fps + no secondary stream
H264 – 4x(704x576), 1536kbps@16fps + no secondary stream
H264 – 4x(704x576), 1536kbps@10fps + secondary stream 4xQCIF (176x144)
128kbps@10fps
MJPEG – 4x(704x576), 4096kbps@13fps + no secondary stream.
- Added GXV3504: SIP open door feature is supported on all 4 channels
 1. All the channels share the same password to open the door.
 2. Users can switch among the channels via video-phone with “X+#” X must be a number from 1 to 4 and DTMF must be sent using SIP INFO
 3. After entering the password plus a “#”, the GXV-3504 will open the corresponding channel lock
- Added support for ONVIF test tool V1.02 (MUST) test items
- Added support for HTTP command to take a snapshot of the secondary stream
- Added support for HTTP CGI command to enable pushing the video stream (including Secondary Stream MJPEG)
- Improved web UI display update performance
- Added Normal and Vivid options in the web UI for GXV3601HD/3611HD image color

Firmware Release Notes
Firmware Version: 1.0.4.11
Product Name: GXV36XX / GXV35XX
Date: January 7, 2010

CHANGES SINCE FIRMWARE RELEASE 1.0.4.7

BUG FIXES

- Fixed SMTP configuration page and email address doesn't allow capital letters
- Fixed GXV3611LL secondary stream resolution 160*112 can't be saved
- Fixed SIP call appears one way audio under PPPOE mode ,unit uses the wrong IP address in SDP negotiation
- Fixed PTZ speed 32 doesn't take effect
- Fixed GXV3601HD Brightness adjust bar doesn't take effect
- Fixed GXV3601LL can't discover the SD card on second time
- Fixed GXV HD when configured to 1600*1200 as primary stream, the secondary stream can't match the GXV3000 resolution; added a 320*240 for secondary stream
- Fixed GXV3601LL PPPoE mount/unmounts 32G SD card causing crash
- Fixed Warning schedule remove display successful, but actually failed

ENHANCEMENTS

- Added an option allow user choose playing the warning message or establishing dual-audio speaking. If IP camera is set to send warning call to a voice only extension, the following steps are:
 1. If Enable SIP Open Door is selected, a dual-way voice call will be established between IP camera and remote extension.
 2. If Enable SIP Open Door is not selected, prerecorded warning beacon will be played by IP camera for remote extension.
- Added an option in web UI to select languages and save to device
- Disabled some modules that do not exist on web UI
- Added an API into firmware to enable snapshot feature

Firmware Release Notes

Firmware Version: 1.0.4.7

Product Name: GXV36XX / GXV35XX

Date: September 14, 2010

This release is ONVIF conformance approved.

CHANGES SINCE FIRMWARE RELEASE 1.0.4.6

BUG FIXES

- Fixed remaining issue with ONVIF test tool 1.01.1.26
- Fixed GXV3501 SD/USB displays only one snapshot in every single page
- Fixed volume bar does not have a proper default value
- Fixed special character "—" in OSD menu will cause OSD display error
- Fixed Warning schedule remove shows successful, but actually failed
- Deleted unsupported items from web UI

ENHANCEMENTS

- Added PPPoE support for all models

NOTE

Some GXV3601HD devices after upgrading to 1.0.4.6/1.0.4.7 will not play video. To solve the problem, devices need to be upgraded to a transitional firmware version 1.0.4.0. Please contact Grandstream support team for the firmware and special instructions.

Firmware Release Notes
Firmware Version: 1.0.4.6
Product Name: GXV36XX / GXV35XX
Date: August 25, 2010

CHANGES SINCE FIRMWARE RELEASE 1.0.3.9

BUG FIXES

- Fixed DDNS status showed "account number/password mistake" even when login was successful
- Fixed audio negotiation in RTSP when audio is configured as disabled
- Fixed the snapshot attached in EMAIL for alarm events sometimes didn't contain OSD message

ENHANCEMENTS

- Added support of "+" and "-" in allowed character list
- Added WIFI dongle support for GXV3501/3601/3601 LL/3601 HD
- Added ONVIF support on GXV3501/3601/3601 LL/3601 HD/3611 LL/3611HD
- Added support for different Date formats
- Added support for configurable "Self-Define DDNS Address"
- Added the option to choose primary or secondary stream for VOIP calls
- Added support to set the DI/DO active state and show their current states
- Added support for Open door via SIP feature on GXV3501/3601/3601 LL/3601 HD/3611 LL/3611HD
- Modified CMOS sensor series to use new video size (LL/HD)
- New web GUI

Firmware Release Notes
Firmware Version: 1.0.3.9
Product Name: GXV36XX / GXV35XX
Date: May 7, 2010

Note: Firmware 1.0.3.9 has changed the default IP configuration to DHCP

SUMMARY OF UPDATES

The main purpose of this release is additional features implementing and addressing stability issues observed in previous releases.

CHANGES SINCE FIRMWARE RELEASE 1.0.2.3

BUG FIXES

- Fixed the device responds 488 instead of 486 when the number of incoming calls exceeds the maximum limitation

- Fixed GXV3601 HD, EPTZ screen will move to opposite direction when pressing LEFT or RIGHT
- Fixed the system time will be one hour off if “Synchronize with Local Computer” is set to Daylight Saving Time
- Fixed 3601 HD old hardware EPTZ shows green line
- Fixed changing Brightness, contrast and saturation do not take effect
- Fixed SIP User-agent field error
- Fixed with Broadsoft platform when client uses the sub-stream to watch video, device gsdvs process is restarted
- Fixed “Set the Time Manually” or “Synchronize with Local Computer” settings are overridden by “Update via NTP Server” after reboot
- Fixed Daylight Savings rule error
- Fixed if OSD “Include Text” is empty, no time will be shown in OSD
- Fixed H264 packetization-mode error
- Fixed GXV3601HD alarm won't generate photo when alarm is triggered
- Fixed setting “ I-frame Interval” to minimum value caused the unit to restart

ENHANCEMENTS

- Changed the default IP configuration to DHCP
- Added support for 4 concurrent SIP calls
- Added support for changing channels while on the call by pressing 1/2/3/4
- Added support to auto start video after logging onto IE browser
- Added support for compatibility with Asterisk
- Added support for Asterisk record playback
- Added support so that plugging SD/MMS does not require a reboot to take effect
- Added support for audio only call
- Added support for including "-" character in SMTP/E-mail field
- New certificate for GSViewerX