
GRANDSTREAM NETWORKS
Firmware Release Notes
Firmware Version 1.0.1.55
Product Name: GXV3175v2
Date: August 8, 2013

CHANGES SINCE FIRMWARE RELEASE 1.0.1.54

BUG FIXES

- Fixed Web UI background color
- Fixed no dial-tone when off-hook during Internet radio playback
- Removed Turkish language from the language list

ENHANCEMENTS

- Added P-value configuration for HDMI default resolution.
P1698: Default HDMI resolution. Possible values: 0 - 800x600, 1 - 480P
- Added P-value configuration to disable configuration wizard.
P1532: Control the display of configuration wizard. Possible values: 0 - Disable, 1 - Enable
- Added P-value configuration to hide call info in full screen mode.
P22001: Hide video call info. Possible values: 0 - No, 1 - Yes

Firmware Version 1.0.1.54
Product Name: GXV3175v2
Date: July 26, 2013

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 1.0.1.46

BUG FIXES

- Fixed GUI crash issue when using Flickr or World Photo as screen saver
- Removed Chinese on line video application due to content availability issues
- Fixed display issue when closing camera and pressing "pip" in video conversation
- Fixed no IP when using static IP and disconnecting Ethernet cable
- Allowed extra ASCII characters for PPPoE username and password
- Fixed tone playing issue after playing Internet Radio
- Fixed no incoming call indication after starting video but refused
- Updated Twitter API version
- Fixed dialing pad not showing during remote ringing
- Removed "Download server URL is invalid" message when booting
- Removed Tudou application. The API is no longer supported by the vendor
- Fixed Last.FM not working without a play list
- Fixed RTP Marker bit was always set for RFC2833 packets

- Fixed redial not working for direct IP call if one octet is 0
- Fixed broken last.FM support due to API changes
- Fixed SRTP auth tag calculation when the payload size was odd number
- Fixed slow system performance when using H.264/G.729 to build 3-way conference
- Fixed reboot loop with duplicate Pvalues in XML config file

ENHANCEMENTS

- Added the support for PC Port VLAN
- Added the option to omit charset attribute in SIP Content-Type header
- Added the option to use PPI and Privacy headers

Firmware Version 1.0.1.46

Product Name: GXV3175v2

Date: March 12, 2013

CHANGES SINCE FIRMWARE RELEASE 1.0.1.38

BUG FIXES

- Fixed no first page number in online video application
- Fixed interop issues with Windows LDAP server
- Fixed no audio issue with Internet Radio applet
- Updated Tudou API
- Fixed WiFi might be enabled automatically if no Ethernet connection and the user had chosen to disable WiFi
- Fixed IP2Location did not work with HTTPS proxy
- Fixed not switching to WiFi after losing Ethernet connection in PPPoE mode
- Fixed display issues when removing icons from call interface
- Fixed display issues when turning off camera and changing PIP mode in video calls
- Fixed line tab display issues when having two calls
- Fixed display issues in a 3-way conference and then turning off video and performing hold and un-hold operations
- Fixed display issue when turning video on and off in a 3-way conference call and enabling "hide video layer only" mode
- Fixed could not launch BLF application in a video call when enabling "hide video layer only" mode
- Fixed freeze issue when connecting the LDAP server and then minimizing the LDAP application
- Fixed display issue when played video in Tudou application and then an alarm clock went off
- Fixed screen saver might appear during video call when an alarm clock went off
- Removed stereo output option from Internet Radio widget
- Fixed not able to turn off LCD when using world photo as screen saver
- Fixed display issue when performed call transfer or hold and an alarm clock went off
- Fixed not switching to WiFi when unplugging Ethernet cable during boot up
- Fixed video decoding issue when switching the resolution in the middle of the call
- Updated Youtube parser

KNOWN ISSUES

- Last.fm application does not work correctly due to API changes

CHANGES SINCE FIRMWARE RELEASE 1.0.1.19

BUG FIXES

- Fixed display issue when closing the camera and establishing video calls
- Fixed display issue with Online News
- Fixed network issue when enabling VLAN and rebooting without Ethernet cable
- Changed Czech language code to "cs" and Dutch language code to "nl"
- Fixed screen saver might show in a video call when alarm clock was set
- Fixed display overlapping between 3-way caller ID and call timer
- Fixed display issue when removing some icons in the call interface
- Fixed display issue with online services
- Fixed display issue with Youtube
- Fixed display issue when pulling out USB disk while playing screen savers
- Fixed PPPoE not working when Ethernet cable was removed during reboot
- Fixed GUI crash issue when connecting to the AP that was changed from encrypted to unencrypted
- Fixed Wifi does not auto scan every 60 seconds
- Fixed SIP strict route processing issue
- Fixed no reINVITE sent when enabling video if "Hide Video Layer Only When Video Off" was set to Yes
- Fixed display issue with Online Music
- Removed Sohu from Online Video
- Fixed toolbar display issue in File Manager
- Fixed time zone selection issue in World Clock
- Fixed not switching to WiFi if Ethernet cable was unplugged during bootup
- Fixed display issue when using BLF call pickup on GXE platform
- Fixed VLAN icon display after reboot
- Fixed local window shown when in full screen mode
- Fixed freeze issue when searching LDAP server with lots of contacts
- Fixed search result display issue using LDAP
- Fixed WiFi failed to work if Ethernet cable was unplugged during reboot
- Fixed LCD VLAN display not in sync with Web UI
- Fixed Automatic Upgrade when F/W pre/suffix changes does not work on WiFi
- Fixed no default value for some LDAP configurations
- Fixed LCD and Web UI not synchronized when selecting imported languages
- Removed erroneous options in screen saver configuration
- Fixed freeze issue when searching LDAP server with lots of contacts
- Fixed search result display issue using LDAP
- Avoided searching LDAP server if username/password was incorrect
- Fixed Flickr upload failure
- Fixed display issue when playing slide show and setting one picture as background
- Fixed display issue in PIP and an event was fired
- Fixed display issue in Tudou application setting window
- Fixed no response to reINVITE if both remote parties requested video on and the conference host ignored both requests
- Fixed no unregister request when network configuration was changed
- Fixed no network connection when Ethernet cable was unplugged and WiFi disabled
- Fixed display issue when minimizing the call and close the camera
- Fixed phone book downloading interval not working

- Fixed incorrect audio device used when the phone was off hook and a call came in
- Fixed display issue when changed time format
- Fixed display issue when setting a picture as background
- Fixed update issue when sending messages via Twitter
- Fixed Youtube upload failure
- Fixed GUI crash issue when playing Internet Radio
- Fixed display issue in slide show setting window

ENHANCEMENTS

- Updated Facebook API key
- Updated Flickr API library
- Added support for large company logo in factory config
- Added video 3-way conference support. Please note that this only works with Grandstream video phones or video phones use QVGA resolution
- Added H.264 STAP-A support

Firmware Version 1.0.1.38

Product Name: GXV3175v2

Date: September 21, 2012

CHANGES SINCE FIRMWARE RELEASE 1.0.1.19

BUG FIXES

- Changed Thai language name from "ta" to "th" to match ISO convention
- Fixed incorrect GUI display offset triggered by 800x600 display mode
- Fixed incorrect audio device display when using headset
- Fixed no auto-answer icon when set auto answer feature in Web UI but applied the changes in other pages
- Fixed factory reset via Recovery Web UI not effective
- Fixed unexpected TV out option in Web UI
- Fixed no display via HDMI 480P mode when incoming video stream was VGA or larger
- Increased recovery image buffer size
- Fixed factory reset via Web UI not working
- Fixed Web UI network page display problem using IE
- Fixed Web UI call function display issue
- Fixed line tab display issue when there were video calls and audio calls
- Fixed GUI crash caused by too many files in USB folder
- Fixed display issue when editing screenshot files
- Fixed ring volume display issue
- Updated language files based on A.C.N. feedback and support team review
- Fixed DSP crash caused by non-standard compliant H.264 stream
- Fixed resume after a call was minimized did not restore video mode
- Fixed not able to use '#' to send calls in on hook calling mode
- Fixed incorrect icon display while ringing in headset mode
- Fixed screen saver did not restart after receiving a new message
- Fixed no "mobile" and "fax" options in Contact application
- Fixed video play did not stop after changing settings on Web UI
- Fixed audio path error in Internet Radio application
- Fixed packet capturing not working with WiFi connection
- Fixed could not edit self-define time zone after reboot

- Fixed slow to get DHCP IP after switching between WiFi and Ethernet
- Fixed failed to connect to PPPoE after quickly changing the incorrect PPPoE password to the correct one
- Fixed failed to launch game "FoxHunt"
- Fixed missing frame/bit rate display on video calls
- Fixed Wifi icon display when PPPoE was enabled
- Fixed RSS News multi-line display issue on extended TV out area
- Adjusted LCD timing parameters for 800x600 resolution
- Fixed HDMI enable/disable logic causing incorrect HDMI icon
- Removed GXV3140 wording from recovery image
- Fixed DSP crash issue if audio frames per TX was larger than 2
- Fixed multiple instances of 802.1x xsupplicant might be running
- Removed dotted line effect from WebKit
- Fixed display mode switch issue after pressing PIP during a video call
- Fixed audio device display after audio loopback test
- Fixed not able to exit from Flickr application
- Fixed not able to dial out using the voice mail button

ENHANCEMENTS

- Added the support for HDMI 480P support. Users can toggle to 480P mode with a toggle button. When 480P mode is used, LCD will be turned off
- Added separate configurations of layer 3 QoS for SIP, audio RTP and video RTP.
P1558 - Layer 3 QoS for SIP
P1559 - Layer 3 QoS for audio RTP
P1560 - Layer 3 QoS for video RTP
- Added automatic logic to handle HDMI/local speaker selection
- Added an option to only accept SIP requests from known servers
- Added an option to check request URI for incoming INVITE
- Added an option to authenticate incoming INVITE
- Added the feature to return to previous app when current app exited
- Added an option to hide or show customized video settings

KNOWN ISSUES

- Video 3-way conference is not fully supported. GXV3175v1 supports video mixing under QVGA resolution. GXV3175v2 only supports toggling mode not video mixing. The video mixing support will be added after GA

Firmware Version 1.0.1.19
Product Name: GXV3175v2
Date: June 19, 2012

CHANGES SINCE FIRMWARE RELEASE 1.0.1.1

BUG FIXES

- Fixed HDMI audio sample rate not set properly
- Expanded TV out GUI display to 800x600. The expanded area is used to display RSS news.
- Fixed account icon in BLF disappeared after changing display size
- Fixed Web UI display issue using IE
- Fixed GUI crash issue while deleting browser bookmark folders
- Changed headset behavior to match GXP's

- Fixed display issue in audio conference when a remote party requested video
- Fixed issues in new network daemon
- Fixed unexpected video request when performing hold/unhold
- Fixed ringback tone not restored after rejecting an incoming call
- Fixed DND icon display issue
- Fixed screen saver might show when accepting calls in PIP
- Fixed brightness setting display issue
- Fixed display issue when using Chinese and auto answer
- Fixed not switching to hold window after minimizing and restoring the call window
- Fixed display issue when cancelling Call Transfer while on a call
- Fixed transfer by time not working if account order was changed
- Fixed SD video mail deposit not working on Broadsoft platform
- Fixed GUI crash issue when using GIF as screen savers
- Fixed GUI crash issue when repeatedly importing/exporting bookmarks
- Fixed audio loopback issue when plugging in headset during test
- Fixed DSP timeout issue in high packet loss environment
- Updated language files for ACN
- Fixed no video in recording
- Changed input method to match language setting for ACN OEM
- Fixed not able to enter proxy tab in network settings
- Fixed audio device icon display issue
- Fixed BLF widget display issue
- Fixed play/stop icon not shown correctly in slide show application
- Fixed hardware revisions not shown in Web UI after re-login
- Fixed changing "LDAP Lookup For Incoming Call" in Web UI not taking effect
- Fixed incorrect audio device display after plugging in/out headsets during a call
- Fixed display issue when performing "video on" operation and switching lines
- Fixed tone playing issue when setting call forwarding using start code
- Fixed display issues after importing a blank language file
- Fixed incorrect folder being used when importing bookmarks
- Fixed audio loopback issue when plugging in headset during test
- Improved AEC performance and stability
- Changed to use sending bitrate with audio/video combined with protocol overhead with ACN OEM
- Updated language files for ACN
- Fixed display issue when the option menu was auto hidden
- Fixed soft keypad issue with Baidu mobile site
- Fixed PPPoE failover to DHCP not working if VPN was enabled
- Fixed call forwarding icon display when using star codes
- Fixed not able to change Wifi ESSID without reboot
- Fixed language list display issue after importing a new language
- Fixed not able to display full uploaded pictures in Phanfare application
- Fixed program version showing blank using IE
- Fixed display issue when dismissing alarm clock notification window
- Fixed display issue when the option menu was auto hidden
- Fixed the warning message when multiple News Video applets were opened
- Fixed media player not switching to audio player interface when finished playing a video file
- Fixed WiFi setting not applied without reboot
- Fixed DSP crash issue when toggling 3-way video conference parties
- Changed HDMI TV out resolution back to 800x600 to improve compatibility
- Fixed WiFi could not start due to DMA allocation failure
- Fixed 802.1x not working
- Fixed picture preview not shown in screenshot directory
- Fixed failed to save LDAP contacts to local
- Fixed display issue when processing remote video-on/off requests and a new call came in
- Fixed display issue when expanded menu option page and then dismissed it

- Updated Korean language translation
- Changed the browser User-Agent string to Android
- Fixed display issue when turning on video and minimizing the conversation and then a new call came in
- Fixed failure to export language file via Web UI
- Fixed not back to dialing interface when exiting from menu items
- Fixed Web UI product model display after WiFi scanning
- Fixed display issue when in PIP and applying configuration changes
- Fixed time zone missing when disabling DHCP option 2
- Fixed no network icon when using PPPoE and VPN
- Fixed incorrect network info display when using WiFi
- Fixed failure to apply imported language files
- Fixed incorrect network info display when PPPoE not working
- Fixed CPE not sending DNS request for ACS domain name
- Fixed CPE not correctly setting the network type to PPPoE
- Fixed CPE did not support ACN OEM ID
- Changed the camera parameters
- Fixed GMI App Start on Bootup might not work
- Added the limit of total applets to 10
- Fixed call waiting caller ID display in full screen video mode
- Fixed Web UI product model display after WiFi scanning
- Fixed input method selection not taking effect after reboot
- Updated Finnish language support
- Fixed language file import did not work
- Fixed CPE crash after factory reset
- Fixed boot into recovery image not working
- Improved AEC convergence in full duplex mode
- Fixed handset broken voice
- Fixed audio buzzes caused by I2C in some cases
- Fixed Backup file shows the value for P1359 in plain text
- Fixed in transfer interface transferring incoming call causing abnormal
- Fixed holding the call and transferring incoming call shown abnormal interface
- Disabled volume adjustment when making onhook dialing
- Fixed display issue when ended one held call and made a new call
- Fixed screen freeze issue when modifying LDAP server address
- Fixed display issues with LDAP contacts
- Fixed failed to send messages if they contain spaces at the beginning of the message
- Fixed GUI crash issue if adding more than 50 contact groups
- Fixed still shown missed call window when enabling DND and disabling all call logs
- Fixed network connection window shown twice when switching address types
- Fixed self-defined time zone greyed out after reboot
- Fixed Lock Keypad for Update not effective in Setup Guide
- Fixed incorrect video attribute layer was set after call was ended
- Disabled volume adjustment when making onhook dialing
- Fixed duplicate items when importing multiple phone books many times
- Fixed setting HTTP proxy via LCD UI triggered a DHCP release
- Fixed alarm clock shown incorrect status after choosing "Remind Later"
- Fixed change of ring volume not saved in LCD UI
- Fixed screen saver might get activated during slide show after plugging in the headset
- Fixed caller name not updated when receiving UPDATE/re-INVITE with PAI header
- Fixed DNS lookup buffer too small and caused unnecessary retries
- Fixed home key debouncing issue on v2.4 and v2.5 hardware revisions
- Improved HDMI TV out video quality
- Fixed DSP crash issue when accessing IPVideoTalk video mail
- Fixed soft keypad shown briefly when deleting bookmarks
- Removed camera zoom options from UI

- Fixed no on-call option tabs under some conditions
- Fixed display issue when in the ringing forward interface and the call ended
- Fixed missing icons on hold screen when not using keypad as default
- Fixed not able to transfer when the number was in Contacts
- Fixed changing PPPoE password not taking effect immediately in Setup Guide
- Fixed Lock Keypad for Update not effective in Setup Guide
- Fixed not able to use '#' as dial key when forwarding an incoming call
- Disallowed audio change when the call was on hold
- Fixed CWCID not shown when in full video screen mode
- Fixed mirror state not shown correctly when in full screen video loopback
- Fixed incoming call not working when in audio loopback factory function
- Fixed not able to change languages on Web UI
- Fixed volume fluctuation when off-hook and then on-hook
- Fixed TRNF icon incorrectly shown in some scenarios
- Fixed video quality issue when using H.264 QQVGA resolution
- Fixed GUI crash issue when the screen saver started and a call came in
- Fixed display issue when in the ringing forward interface and the call ended
- Fixed compatibility issues with IE9
- Fixed GMI did not update the registration status
- Fixed no on-call option tabs under some conditions
- Fixed GUI crash issue when in selection widget and a call came in
- Changed to gray out the full screen button when the recording started
- Fixed not able to drag News Video widget to the desktop
- Fixed not able to continue editing messages after accepting a call
- Fixed not able to show received messages
- Fixed not able to adjust tone volume in LCD menu after receiving a call
- Fixed display issue in a call waiting case when the remote caller resume the call from hold state
- Fixed not able to hide PPPoE password on LCD UI
- Fixed address type not compatible with CPE
- Fixed LCD UI showed blank network type after factory reset
- Fixed not handling spaces when inputting IP addresses
- Fixed not able to change languages on Web UI
- Fixed browser home button not effective when launched by RSS News
- Fixed video delay using H.263+
- Fixed audio artifacts using L16-256 vocoder
- Fixed DSP crash issue when accessing IPVideoTalk video mail
- Fixed FQDN not working with VPN server
- Fixed audio tone play deadlock
- Fixed status panel display when accepting video calls in Camera/LCD testing mode
- Fixed network display issue in Web UI
- Fixed changing network setting via Web UI not taking effect without reboot
- Fixed missing default values for static IP
- Fixed TRNF icon incorrectly shown in some scenarios
- Fixed display overlapping for video call waiting caller ID
- Fixed default volume for online music application
- Fixed event tone not stopped when home button was pressed
- Fixed display issue when in transfer UI and the call was ended
- Fixed display issue in Call tab with IE
- Fixed group picture not used when the picture was in USB disk and the USB disk was later removed
- Fixed phone book failed to download if encountered errors before
- Added the restriction to 1 News Video widget
- Disallowed audio change when the call was on hold
- Fixed incorrect display when minimizing a call in dialing stage
- Fixed alternative DNS server could not be saved
- Fixed GUI crash issue when invalid network mask was entered

- Fixed GUI showed WIFI key without saving

ENHANCEMENTS

- Added an option to disable PC port
- Added Thai language support
- ACN request: Added video setting profiles
- ACN request: Added WiFi profiles and auto-connect feature
- ACN request: Fixed Facebook login issue
- Added the ability to make/answer call directly using Headset
- Added additional syslog messages for ACN
- Added prefix and postfix setting for GUI customization file
- Added the options to hide "Virtual", "3G" and "Proxy" tabs in network setting
- ACN: Custom GUI Config Changes Video Settings Menu
- Added 3CX style auto provision
- Updated gamefail.mp3 file per ACN's request
- Updated the CPE to version 1.0.1.21
- Added LDAP settings in Web UI
- Added new languages for Denmark and Czech
- Added the configuration option for handset gain
- ACN: Added User-Agent header in HTTP download requests
- ACN: Custom GUI Config Changes Video Settings Menu
- Added PIP provision control for Mobotix (except PIP value 3)
- Added the support for generic XML config file provisioning
- Added the second preferred DNS server configuration
- Added PIP provision control for Mobotix
- Added the option to disable Setup Guide
- Added P value option for showing or hiding menu bar
- Added provision control for browser settings
- Added Korean soft keyboard support
- Added Swedish, Hungarian, Norwegian and Finnish language support
- Added syslog event for UI login/logout
- Added the option to whether send reINVITE when pressing video off
- Mobotix requirement: Added P-values for Call functions option
- Added support for hardware revision v2.5
- Added support for Secondary Outbound Proxy, P2333, P2433 and P2533 for account 1, 2 and 3
- Added P values for Call functions option, P1527 - In-call default menu. Possible values: 1 - Keyboard, 2 - Functions
- Added P value option for showing or hiding menu bar, P1528 - Show or hide menu bar. Possible values: 0 - Show, 1 - Hide