

# STATUS

10.36.55.248/cgi-bin/index



## Grandstream Device Configuration

**STATUS**   **BASIC SETTINGS**   **ADVANCED SETTINGS**   **FXS PORT**

**MAC Address:** 00:0B:82:EA:8B:0C  
**IPv4 Address:** 10.36.55.248  
**IPv6 Address:**  
**Product Model:** HT801  
**Hardware Version:** V1.1A   Part Number -- 9610003611A  
**Software Version:** Program -- 1.0.9.3   Bootloader -- 1.0.9.1   Core -- 1.0.9.1   Base -- 1.0.9.2  
CPE -- 1.0.1.80  
**Software Status:** Running   Mem: 20144  
**System Up Time:** 23:17:30 up 8 min  
**PPPoE Link Up:** Disabled  
**NAT:** Unknown NAT

**Port Status:**

Port	Hook	User ID	Registration
FXS	On Hook	4033411	Not Registered

**Port Options:**

Port	DND	Forward	Busy Forward	Delayed Forward
FXS	No		00973973	

**Provision:** Not running, Last status : Downloading file from url.  
**Core Dump:** Clean  
**GR909:** [Test Page](#)

# BASIC SETTINGS

re | 10.36.55.248/cgi-bin/config2



**Grandstream Device Configuration**

STATUS	BASIC SETTINGS	ADVANCED SETTINGS	FXS PORT
--------	----------------	-------------------	----------

**New End User Password:**  (purposely not displayed for security protection)  
**Confirm End User Password:**

**New Viewer Password:**  (purposely not displayed for security protection)  
**Confirm Viewer Password:**

*Web/SSH Access:*

*Web Session Timeout:*  (1-60, default 10 minutes.)  
*Web Access Attempt Limit:*  (1-10, default 5.)  
*Web Lockout Duration:*  (0-60, default 15 minutes.)

*Web Access Mode:*  HTTPS  HTTP  
*HTTP Web Port:*  (default is 80)  
*HTTPS Web Port:*  (default is 443)

*Disable SSH:*  No  Yes  
*SSH Port:*  (default is 22. Cannot be the same as Telnet Port.)

*Disable Telnet:*  No  Yes  
*Telnet Port:*  (default is 23. Cannot be the same as SSH Port.)

*White List for WAN Side:*

*Black List for WAN Side:*

**Internet Protocol:**  IPv4 Only  IPv6 Only  Both, prefer IPv4  Both, prefer IPv6

**IPv4 Address:**  dynamically assigned via DHCP  
DHCP hostname:  (optional)

## BASIC SETTINGS

**IPv4 Address:**  dynamically assigned via DHCP

DHCP hostname:  (optional)

DHCP vendor class ID:  (optional)

use PPPoE

PPPoE account ID:

PPPoE password:

PPPoE Service Name:

1st Preferred DNS server:  .  .  .

2nd Preferred DNS server:  .  .  .

3rd Preferred DNS server:  .  .  .

4th Preferred DNS server:  .  .  .

statically configured as

IP Address:  .  .  .

Subnet Mask:  .  .  .

Default Router:  .  .  .

DNS Server 1:  .  .  .

DNS Server 2:  .  .  .

**IPv6 Address:**  dynamically assigned via DHCP

statically configured as:

Full Static

Static IPv6 Address:

IPv6 Prefix Length:

Prefix Static

IPv6 Prefix(64 bits):

DNS Server 1:

DNS Server 2:

Preferred DNS Server:

## BASIC SETTINGS

**Time Zone:** GMT+08:00 (Beijing, Taipei, Kuala Lumpur, Irkutsk)

*Self-Defined Time Zone:* MTZ+6MDT+5,M3.2.0,M11.1.0 (For example: MTZ+6MDT+5,M4.1.0,M11.1.0)

*Allow DHCP server to set Time Zone:*  No  Yes

**Language:** English

All Rights Reserved Grandstream Networks, Inc. 2006-2018

# ADVANCED SETTINGS

**Grandstream Device Configuration**

STATUS BASIC SETTINGS ADVANCED SETTINGS FXS PORT

**New Admin Password:**  (purposely not displayed for security protection)

**Confirm Admin Password:**

802.1Q/VLAN Tag  (0-4094)

*Layer 2 QoS:* SIP 802.1p  (0-7)

RTP 802.1p  (0-7)

*Black List for WAN Side Port:*

*STUN server is:*  (URI or IP:port)

*Keep-alive Interval:*  (in seconds, default 20 seconds)

*Use STUN to detect network connectivity:*  No  Yes, total STUN response misses  to restart DHCP (minimum=3)

*Use DNS to detect network connectivity:*  No  Yes

*Verify host when using HTTPS:*  No  Yes

*Firmware Upgrade and Provisioning:* Upgrade Via  TFTP  HTTP  HTTPS  FTP  FTPS

Firmware Server Path:

Config Server Path:

XML Config File Password:

HTTP/HTTPS/FTP/FTPS User Name:

HTTP/HTTPS/FTP/FTPS Password:

Firmware File Prefix:  Firmware File Postfix:

Config File Prefix:  Config File Postfix:

Allow DHCP Option 66 or 160 to override server:  No  Yes

# ADVANCED SETTINGS

3CX Auto Provision:

- No  Yes

Automatic Upgrade:

- No  
 Yes, every  minutes(30-5256000).  
 Yes, daily at start hour  (0-23), at end hour  (0-23).  
 Yes, weekly on day  (0-6).

Randomized Automatic Upgrade:  No  Yes

- Always Check for New Firmware at Boot up  
 Check New Firmware only when F/W pre/suffix changes  
 Always Skip the Firmware Check

Disable SIP NOTIFY Authentication:  No  Yes (Device will not challenge NOTIFY with 401 when set to Yes)

Authenticate Conf File:  No  Yes (cfg file would be authenticated before acceptance if set to Yes)

Validate Server Certificates:  No  Yes (validate server certificates with our trusted list of TLS connections)

SIP TLS Certificate:

SIP TLS Private Key:

# ADVANCED SETTINGS

*SIP TLS Private Key Password:*

*Custom Certificate:*  
*(Private Key + Certificate)*

*Enable TR-069:*  No  Yes

*ACS URL:*

*ACS Username:*

*ACS Password:*

*Periodic Inform Enable:*  No  Yes

*Periodic Inform Interval:*

*Connection Request Username:*

*Connection Request Password:*

*CPE SSL Certificate:*

*CPE SSL Private Key:*

## ADVANCED SETTINGS

<i>Enable SNMP:</i>	<input checked="" type="radio"/> No <input type="radio"/> Yes
<i>SNMP Version:</i>	Version 3 ▾
<i>SNMP Port:</i>	161 (161 or 1025-65535. Default 161)
<i>SNMP Trap IP Address:</i>	<input type="text"/>
<i>SNMP Trap Port:</i>	162 (162 or 1025-65535. Default 162)
<i>SNMP Trap Version:</i>	Version 2c ▾
<i>SNMP Trap Interval:</i>	5 (1-1440. Default 5 minutes)
<i>SNMPv1/v2c Community:</i>	<input type="text"/>
<i>SNMPv1/v2c Trap Community:</i>	<input type="text"/>
<i>SNMPv3 User Name:</i>	<input type="text"/>
<i>SNMPv3 Security Level:</i>	noAuthUser ▾
<i>SNMPv3 Authentication Protocol:</i>	None ▾
<i>SNMPv3 Privacy Protocol:</i>	None ▾
<i>SNMPv3 Authentication Key:</i>	<input type="text"/>
<i>SNMPv3 Privacy Key:</i>	<input type="text"/>
<i>SNMPv3 Trap User Name:</i>	<input type="text"/>
<i>SNMPv3 Trap Security Level:</i>	noAuthUser ▾
<i>SNMPv3 Trap Authentication Protocol:</i>	None ▾
<i>SNMPv3 Trap Privacy Protocol:</i>	None ▾
	<input type="text"/>



## ADVANCED SETTINGS

SNMPv3 Trap Privacy Key:

Enable RADIUS Web Access Control:  No  Yes  
Action upon Radius Auth Server Error:  Reject Access  Authenticate Locally

RADIUS Auth Server Address:

RADIUS Auth Server Port:

RADIUS Shared Secret:

RADIUS VSA Vendor ID:

RADIUS VSA Access Level Attribute:

Enable DDNS:  No  Yes

DDNS Server:

DDNS Username:

DDNS Password:

DDNS Hostname:

DDNS Hash:

System Ring Cadence:

Dial Tone:

Ringback Tone:

Busy Tone:

Reorder Tone:

Call Progress Tones: Confirmation Tone:

# ADVANCED SETTINGS

*Call Progress Tones: Confirmation Tone:*

*Call Waiting Tone:*

*Prompt Tone:*

*Conference Party Hangup Tone:*

*Conference Party Hangup Tone:*

Syntax: f1=val[, f2=val[, c=on1/off1[-on2/off2[-on3/off3]]]]; (Frequencies are in (300, 3400) Hz and cadence on and off are in (0, 64000) ms)

*Prompt Tone Access Code:*  (Key pattern to get Prompt Tone. Maximum 20 digits. No default.)

*Lock Keypad Update:*  No  Yes (configuration update via keypad is disabled if set to Yes)

*Disable Voice Prompt:*  No  Yes (voice prompt is disabled if set to Yes)

*Disable Direct IP Call:*  No  Yes (direct IP call is disabled if set to Yes)

*Blacklist For Incoming Calls:*

*NTP Server:*  (URI or IP address)

*Allow DHCP Option 42 to override NTP server:*  No  Yes

*DHCP Option 17 Enterprise Number:*

*Syslog Server:*

*Syslog Level:*

*Send SIP Log:*  No  Yes

*Automatic Reboot:*  No  
 Yes, reboot every day at hour  (0-23)  
 Yes, reboot every week at day  (0-6)

# ADVANCED SETTINGS

No

*Automatic Reboot:*  Yes, reboot every day at hour  (0-23)

Yes, reboot every week at day  (0-6)

Yes, reboot every month at day  (0-30)

*Download Device Configuration:*

*Download Device XML Configuration:*

*Upload Firmware:*

*Upload Configuration:*

*Export Backup Configuration:*

*Restore From Backup Configuration:*

All Rights Reserved Grandstream Networks, Inc. 2006-2018

# FXS PORT

**Grandstream Device Configuration**

STATUSBASIC SETTINGSADVANCED SETTINGS**FXS PORT**

**Account Active:**  No  Yes

**Primary SIP Server:**  (e.g., sip.mycompany.com, or IP address)

**Failover SIP Server:**  (Optional, used when primary server no response)

**Prefer Primary SIP Server:**  No  Yes (yes - will register to Primary Server if Failover registration expires)

**Outbound Proxy:**  (e.g., proxy.myprovider.com, or IP address, if any)

**Backup Outbound Proxy:**  (e.g., proxy.myprovider.com, or IP address, if any)

**Prefer Primary Outbound Proxy:**  No  Yes (yes - will reregister via Primary Outbound Proxy if registration expires)

**Allow DHCP Option 120 (override SIP server):**  No  Yes

**SIP Transport:**  UDP  TCP  TLS (default is UDP)

**SIP URI Scheme When Using TLS:**  sip  sips

**Use Actual Ephemeral Port in Contact with TCP/TLS:**  No  Yes

**NAT Traversal:**  No  Keep-Alive  STUN  UPnP

**SIP User ID:**  (the user part of an SIP address)

**Authenticate ID:**  (can be identical to or different from SIP User ID)

**Authenticate Password:**  (purposely not displayed for security protection)

**Name:**  (optional, e.g., John Doe)

**DNS Mode:**  A Record  SRV  NAPTR/SRV

**DNS SRV use Registered IP:**  No  Yes

**Tel URI:**

**SIP Registration:**  No  Yes

**Unregister On Reboot:**  No  Yes

**Outgoing Call without Registration:**  No  Yes

## FXS PORT

<i>Outgoing Call without Registration:</i>	<input type="radio"/> No	<input checked="" type="radio"/> Yes
<i>Register Expiration:</i>	<input type="text" value="60"/>	(in minutes. default 1 hour, max 45 days)
<i>Reregister before Expiration:</i>	<input type="text" value="0"/>	(0-64800. Default 0 second)
<i>SIP Registration Failure Retry Wait Time:</i>	<input type="text" value="20"/>	(in seconds. Between 1-3600, default is 20)
<i>SIP Registration Failure Retry Wait Time upon 403 Forbidden:</i>	<input type="text" value="1200"/>	(in seconds. Between 0-3600, default is 1200. 0 means stop retry registration upon 403 response.)
<i>Enable SIP OPTIONS Keep Alive:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>SIP OPTIONS Keep Alive Interval:</i>	<input type="text" value="30"/>	(in seconds. Between 1-64800, default is 30)
<i>SIP OPTIONS Keep Alive Max Lost:</i>	<input type="text" value="3"/>	(Number of max lost packets for SIP OPTIONS Keep Alive before re-registration. Between 3-10, default is 3)
<i>Layer 3 QoS:</i>	<input type="text" value="26"/>	SIP DSCP (Diff-Serv value in decimal, 0-63, default 26)
	<input type="text" value="46"/>	RTP DSCP (Diff-Serv value in decimal, 0-63, default 46)
<i>Local SIP Port:</i>	<input type="text" value="5060"/>	(default is 5060 for UDP and TCP; 5061 for TLS)
<i>Local RTP Port:</i>	<input type="text" value="1722"/>	(even number between 1024-65535, default 5004)
<i>Use Random SIP Port:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Use Random RTP Port:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Enable RTCP:</i>	<input type="radio"/> No	<input checked="" type="radio"/> Yes
<i>Hold Target Before Refer:</i>	<input type="radio"/> No	<input checked="" type="radio"/> Yes
<i>Refer-To Use Target Contact:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Transfer on Conference Hangup:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Disable Bellcore Style 3-Way Conference:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes (Using star code *23 for 3-way conference)
<i>Remove OBP from Route Header:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Support SIP Instance ID:</i>	<input type="radio"/> No	<input checked="" type="radio"/> Yes
<i>Validate Incoming SIP Message:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Check SIP User ID for incoming INVITE:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes (no direct IP calling if Yes)
<i>Authenticate incoming INVITE:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Authenticate server certificate domain:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes
<i>Authenticate server certificate chain:</i>	<input checked="" type="radio"/> No	<input type="radio"/> Yes

# FXS PORT

Authenticate server certificate chain:  No  Yes

Trusted CA certificates:

Allow Incoming SIP Messages from SIP Proxy Only:  No  Yes (no direct IP calling if Yes)

Use Privacy Header:  Default  No  Yes

Use P-Preferred-Identity Header:  Default  No  Yes

Use P-Access-Network-Info Header:  No  Yes

Use P-Emergency-Info Header:  No  Yes

SIP REGISTER Contact Header Uses:  LAN Address  WAN Address

Caller ID Fetch Order:  Auto  Disabled  From Header

SIP T1 Timeout:

SIP T2 Interval:

SIP Timer D:  (0 - 64 seconds. Default 0)

DTMF Payload Type:

Preferred DTMF method (in listed order):  
Priority 1:   
Priority 2:   
Priority 3:

Disable DTMF Negotiation:  No (negotiate with peer)  Yes (use above DTMF order without negotiation)

Generate Continuous RFC2833 Events:  No  Yes (RFC2833 events are generated until key is released)

Send Hook Flash Event:  No  Yes (Hook Flash will be sent as a DTMF event if set to Yes)

Flash Digit Control:  No  Yes (Overrides the default settings for call control when both channels are in use.)

Enable Call Features:  No  Yes (if Yes, call features using star codes will be supported locally)



# FXS PORT

*Enable Call Features:*  No  Yes (if Yes, call features using star codes will be supported locally)

*Offhook Auto-Dial:*  (User ID/extension to dial automatically when offhook)

*Offhook Auto-Dial Delay:*  (0-60 seconds, default is 0)

*Proxy-Require:*

*Use NAT IP:*  (used in SIP/SDP message if specified)

*Use SIP User-Agent Header:*

*Distinctive Ring Tone:* Ring Tone 1  used if incoming caller ID is   
Ring Tone 1  used if incoming caller ID is   
Ring Tone 1  used if incoming caller ID is

*Disable Call-Waiting:*  No  Yes

*Disable Call-Waiting Caller ID:*  No  Yes

*Disable Call-Waiting Tone:*  No  Yes

*Disable Connected Line ID:*  No  Yes

*Disable Receiver Offhook Tone:*  No  Yes (ROH tone will not be played after offhook for 60 seconds)

*Disable Reminder Ring for On-Hold Call:*  No  Yes

*Disable Visual MWI:*  No  Yes

*Do Not Escape '#' as %23 in SIP URI:*  No  Yes

*Disable Multiple m line in SDP:*  No  Yes

*Ring Timeout:*  (10-300, default is 60 seconds)

*Delayed Call Forward Wait Time:*  (Allowed range 1-120, in seconds.)

*No Key Entry Timeout:*  (1-15, default is 4 seconds)

*Early Dial:*  No  Yes (use "Yes" only if proxy supports 484 response)

*Dial Plan Prefix:*  (this prefix string is added to each dialed number)

*Use # as Dial Key:*  No  Yes (if set to Yes, "#" will function as the "(Re-)Dial" key)

*Dial Plan:*

*SUBSCRIBE for MWI:*  No, do not send SUBSCRIBE for Message Waiting Indication  
 Yes, send periodical SUBSCRIBE for Message Waiting Indication

*Send Anonymous:*  No  Yes (caller ID will be blocked if set to Yes)

# FXS PORT

*Force INVITE:*  No  Yes (Always refresh with INVITE instead of UPDATE)

*Enable 100rel:*  No  Yes

*Add Auth Header On Initial REGISTER:*  No  Yes

*Conference URI:*

*Use First Matching Vocoder in 200OK SDP:*  No  Yes

*Preferred Vocoder (in listed order):*

choice 1:

choice 2:

choice 3:

choice 4:

choice 5:

choice 6:

choice 7:

*Voice Frames per TX:*

*G723 Rate:*  6.3kbps encoding rate  5.3kbps encoding rate

*iLBC Frame Size:*  20ms  30ms

*Disable OPUS Stereo in SDP:*  No  Yes (removes "/2" from offer)

*iLBC Payload Type:*  (between 96 and 127, default is 97)

*OPUS Payload Type:*  (between 96 and 127, default is 123)

*VAD:*  No  Yes

*Symmetric RTP:*  No  Yes

*Fax Mode:*  T.38  Pass-Through

*Re-INVITE After Fax Tone Detected:*  Enabled  Disabled

*Jitter Buffer Type:*  Fixed  Adaptive

*Jitter Buffer Length:*  Low  Medium  High

*SRTP Mode:*  Disabled  Enabled but not forced  Enabled and forced

*Crypto Life Time:*  Disabled  Enabled

*SLIC Setting:*

*Caller ID Scheme:*

*DTMF Caller ID:* *Start Tone*  *Stop Tone*

*Polarity Reversal:*  No  Yes (reverse polarity upon call establishment and termination)

*Loop Current Disconnect:*  No  Yes (loop current disconnect upon call termination)



# FXS PORT

**SLIC Setting:** EUROPEAN CTR21

**Caller ID Scheme:** ETSI-DTMF during ringing

**DTMF Caller ID:** Start Tone Default Stop Tone Default

**Polarity Reversal:**  No  Yes (reverse polarity upon call establishment and termination)

**Loop Current Disconnect:**  No  Yes (loop current disconnect upon call termination)

**Play busy/reorder tone before Loop Current Disconnect:**  No  Yes (play busy/reorder tone before loop current disconnect upon call fail)

**Loop Current Disconnect Duration:** 200 (100 - 10000 milliseconds. Default 200 milliseconds)

**Enable Pulse Dialing:**  No  Yes

**Enable Hook Flash:**  No  Yes

**Hook Flash Timing:** In 40-2000 milliseconds range, minimum: 200 maximum: 600

**On Hook Timing:** 400 (In 40-2000 milliseconds range, default is 400)

**Gain:** TX 0dB default RX -6dB default

**Disable Line Echo Canceller (LEC):**  No  Yes

**Disable Network Echo Suppressor:**  No  Yes

**Outgoing Call Duration Limit:** 0 (0-180 minutes, default is 0 (No Limit) )

**Enable High Ring Power:**  No  Yes

**Ring Tones** (Syntax: c=on1/off1-on2/off2-on3/off3;)

Ring Tone 1: c=2000/4000;

Ring Tone 2: c=2000/4000;

Ring Tone 3: c=2000/4000;

Ring Tone 4: c=2000/4000;

Ring Tone 5: c=2000/4000;

Ring Tone 6: c=2000/4000;

Ring Tone 7: c=2000/4000;

Ring Tone 8: c=2000/4000;

Ring Tone 9: c=2000/4000;

Ring Tone 10: c=2000/4000;

Update Apply Cancel Reboot

All Rights Reserved Grandstream Networks, Inc. 2006-2018