

GXW4024

A legérdekesebbnek ítélt tulajdonságok

EI?nyök

1. ára
~750 USD magyarszágon már bruttó 188300 HUF-tól kapható azaz ~8000 HUF / FXS port. Ha egy ip telefon + poe switch port árát összeszámoljuk akkor ennél egy kedvező számot kapunk persze ne feledjük ez analóg.
 2. proxy nélküli is működik pl. analóg vonalak meghosszabbítása esetén lehet érdekes lásd:
Using GXW-Series to extend analog lines without SIP server
http://grandstream.com/support/gxw_series/general/documents/gxw_wp_extending_analog_lines.pdf
 3. automatikus számtárcsázás kagylófelemelésre
 4. visszaesés fxo gw-re
 5. hangnélküli működés, passzív hűtés. Nincs benne ventilátor!
 6. fogyasztás ~30Watt
 7. sip session timer támogatás, beragadt hívások bontására
 8. boot idő ~1 perc
-

Gyengeségek

1. Nem működiknek a magyar ékezetes karakterek SIP AoR displayname mezőben.
2. Debug nem túl részletes nem derül ki sok minden belőle
3. RFC3263 nem derült ki működik-e. Választható az hogy NAPTR + SRV vagy SRV vagy A rekordot oldjon fel.
4. FAQ szerint én nem próbáltam de csak két párhuzamos T.38-as fax hívást tud e felett passthrough módban üzemel
<http://grandstream.com/GXW410xFAQs.html#twelve>
How many simultaneous fax calls can the GXW40xx handle??

The GXW40xx series can handle up to two T.38 simultaneous sessions and G.711 Pass-Through on the remaining ports.

5. Dokumentáció nagyon elnagyolt és hiányos!!

- Dokumentációban Nem találtam meg a bejátszott hangok bállításának lehetőségét

<http://www.itu.int/ITU-T/inr/forms/files/tones-0203.pdf>

Call Progress Tones:

[Syntax: ch x-y: f1=val@vol,f2=val@vol,c=on1/off1-on2/off2-on3/off3;[...]]

Note : f1,f2-frequency(Hz); vol-volume(dB); c-cadence(10ms, 0-continuous)]

6. dialplan

- a dialpan megadása kezdetleges.
- per FXS port nem lehet megadni külön dialplant csak

7. provisioning

- Az xml config file formátuma nem dokumentált, így nem tudni az mit is tud.
- config file provisioning nehézkes mert mindig le kell futatni rá a grandstream oldaláról letölthető java-s tool-t, ami egy kulccsal titkosítja. Egyáltalán nem rugalmas, elég alap megoldás!!

8. MWI: nem adható meg külön SIP URI

9. minden módosítás után újra kell indítani hogy a módosítás életbe lépjen.

10. nincs IPv6 (De ez sajnos általánosan igaz szinte minden voip eszközre)

Egyéb

1. TLS+SRTP-t tesztelve (egyidőben egyetlen FXS protot használva) nem tapasztaltam hibát.
2. magyar dialplan {*x+|00x+|15xxx+|13[01]x+|06[237]0xxxxxxx|06xxxxxxx|[1-9]xxxxx|17xxx|118xx|14[5-9]xx|116xxx|17xx|18xx|14[0-4]x|12xx|19[1234789]|17x|18x|10[457]|112}

Provisioning minta

A csengetési hangokat/visszhangokat/idősítéseket/frekvenciákat igyekeztem a magyarosítani. A file letölthető innen is [gxw4024_config_1.0.3.10_hu.txt](#)

```
#####  
##  
## Configuration template for GXW40XX firmware version 1.0.3.10  
#####  
##
```

```
#####
```

```
## Advanced Settings.
```

```
#####
```

```
# Enable Provider Lock. 0 - No, 1 - Yes.
```

```
P9999 = 0z
```

```
# Provider Lock Key. A string of up to 16 bytes.
```

```
P9998 = nouse
```

```
# Provider Authentication. A string of up to 16 bytes
```

```
P9997 = nouse
```

```
# Password for configuration file authentication
```

```
P1 =
```

```
# Admin password for web interface
```

```
P2 = admin
```

```
# Layer 3 QoS (IP Diff-Serv or Precedence value for RTP)
```

```
P38 = 46
```

```
# Layer 2 QoS. 802.1Q/VLAN Tag (VLAN classification for RTP)
```

```
P51 = 0
```

```
# Layer 2 QoS. 802.1p priority value (0 - 7)
```

```
P87 = 5
```

```
# 802.1p priority value (NATed traffic) ** This doesn't apply to the GXW4024
```

```
P230 = 0
```

```
# STUN server
```

```
P76 = stun.xten.com
```

```
# Keep-alive interval (in seconds. default 20 seconds)
```

```
P84 = 20
```

```
# Use STUN to detect network connectivity. 0 - No, 1 - Yes.
```

```
P474 = 0
```

```
# Total STUN response misses to restart DHCP (mininum=3 default=5)
P475 = 3

#-----
# Firmware Upgrade
#-----

# Firmware Upgrade and Privisioning. 0 - TFTP Upgrade, 1 - HTTP Upgrade, 2 - HTTPS Upgrade.
P212 = 1

# Firmware Server Path
P192 = 72.172.83.110

# Config Server Path
P237 = 192.168.1.1

# XML Config File Password
P1359 =

# HTTP/HTTPS User Name
P1360 =

# HTTP/HTTPS Password
P1361 =

# Firmware File Prefix
P232 =

# Firmware File Postfix
P233 =

# Config File Prefix
P234 =

# Config File Postfix
P235 =

# Allow DHCP Option 66 to override server. 0 - No, 1 - Yes. Default is Yes.
# When set to Yes(1), it will override the configured provision path and method.
P145 = 0
```

```
# Automatic Upgrade. 0 - No, 1 - Check daily, 2 - Check weekly, 3 - Check every () minutes.
Default is No.
P194 = 1

# Check for new firmware/config file every () minutes, unit is in minute, minimum 60 minutes,
default is 7 days. P194 = 3
P193 = 10080

# Automatic Upgrade. Daily at hour(0-23). P194 = 1
P285 = 1

# Automatic Upgrade. Weekly on day (0-6). P194 = 2
P286 = 1

# Use firmware pre/postfix to determine if f/w is required
# 0 = Always Check for New Firmware
# 1 = Check New Firmware only when F/W pre/suffix changes
# 2 = Always Skip the Firmware Check
# For Firmware only.
P238 = 0

# Authenticate Config File. 0 - No , 1 - Yes
P240 = 0

# Firmware Key (AES 128, in Hexadecimal Representation)
P242 =

# SSL Certificate
#P280 =

# SSL Private Key
#P279 =

# SSL Private Key Password
#P281 =

# ACS URL
P4503 =

# ACS Username
```

P4504 =

ACS Password

P4505 =

Periodic Inform Enable 0 - No, 1 - Yes (default is No)

P4506 = 0

Periodic Inform Interval (default is 300)

P4507 = 300

Connction Request Username

P4511 =

Connection Request Password

P4512 =

System Ring Cadence

P4040 = c=1000/4000;

#-----

Call Progress Tones

#-----

Dial Tone

P4000 = f1=425@-13,c=0/0;

Ringback Tone

P4001 = f1=425@-19,c=1240/3750;

Busy Tone

P4002 = f1=425@-24,c=300/300;

Reorder Tone

P4003 = f1=300@-24,f2=425@-24,c=200/200;

Confirmation Tone

P4004 = f1=300@-11,f2=425@-11,c=1000/200;

Call Waiting tone

P4005 = f1=425@-13,c=40/1960;

```
#-----  
  
# Lock keypad update. 0 - No, 1 - Yes.  
P88 = 1  
  
# Disable voice prompt. 0 - No, 1 - Yes.  
P253 =0  
  
# Disable Direct IP Call. 0 - No, 1 - Yes.  
P277 = 1  
  
# Life line mode. 0 - Auto, 1 - Always disconnected, 2 - Always connected  
P891 = 0  
  
# Failover to FX0 Gateway. 0 - Disable, 1 - Enable  
P4205 = 0  
  
# FX0 Gateway. URI or IP address.  
P4206 =  
  
# NTP Server  
P30 = hu.pool.ntp.org  
  
# Syslog Server (name of the server, max length is 64 characters)  
P207 = 192.168.1.1  
  
# Syslog Level (Default setting is NONE)  
# 0 - NONE, 1 - DEBUG, 2 - INFO, 3 - WARNING, 4 - ERROR  
P208 = 1  
  
# Primary RADIUS Server  
#P4550 =  
  
# Primary RADIUS Auth Port (default 1812).  
P4551 = 1812  
  
# Primary RADIUS Acct Port (default 1813).  
P4552 = 1813  
  
# Primary RADIUS Server Secret  
P4553 =
```

Secondary RADIUS Server

#P4554 =

Secondary RADIUS Auth Port (default 1812).

P4555 = 1812

Secondary RADIUS Acct Port (default 1813).

P4556 = 1813

Secondary RADIUS Server Secret

P4557 =

RADIUS Timeout (default 2).

P4558 = 2

RADIUS Retry (default 3).

P4559 = 3

#####

Profile 1 Settings

#####

Profile Active. 0 - no, 1 - yes

P271 = 1

Primary SIP Server

P47 = 192.168.1.1

Failover SIP Server

P967 =

Prefer Primary SIP Server. 0 - No, 1 - Yes.

P4567 = 0

Outbound Proxy

P48 = 192.168.1.1

SIP Transport. 0 - UDP, 1 - TCP, 2 - TLS

P130 = 0

```
# NAT Traversal (STUN). 0 - No, 2 - No but send keep-alive, 1 - Yes
P52 = 0

# Visual MWI type: 0 - FSK, 1 - Neon
P4371 = 0

# DNS Mode. 0 - A Record, 1 - SRV, 2 - NAPTR/SRV.
P103 = 0

# SIP User ID is phone number. 0 - no, 1 - yes
P63 = 0

# SIP Registration. 0 - no, 1 - yes
P31 = 1

# Unregister On Reboot. 0 - no, 1 - yes
P81 = 0

# Outgoing call without Registration. 0 - no, 1 - yes
P109 = 1

# Register Expiration (in minutes. default 1 hour, max 45 days)
P32 = 60

# Registration Retry Wait Time (in seconds. Between 1-3600, default is 30)
P138 = 20

# Local SIP port (default 5060)
P40 = 5060

# Local RTP port (1024-65535, default 5004)
P39 = 5004

# Use Random Port. 0 - no, 1 - yes
P78 = 0

# Refer-To Use Target Contact. 0 - no, 1 - yes
P135 =

# Transfer on Conference Hangup. 0 - no, 1 - yes
P4560 = 0
```

Remove OBP from Route Header. 0 - no, 1 - yes

P4562 = 0

Support SIP Instance ID. 0 - no, 1 - yes

P288 = 1

Validate Incoming Message. 0 - No, 1 - Yes

P4340 = 0

Check SIP Incoming UserID. 0 - No, 1 - Yes (no direct IP calling if Yes)

P258 = 0

Allow Incoming SIP Messages from SIP Proxy Only:

P243 = 0

SIP T1 Timeout. RFC 3261 T1 value (RTT estimate)

50 - 0.5 sec, 100 - 1 sec, 200 - 2 sec, 400 - 4 sec, 800 - 8 sec. Default 100.

P209 = 100

SIP T2 Interval. RFC 3261 T2 value. The maximum retransmit interval for non-INVITE requests and INVITE responses.

200 - 2 sec, 400 - 4 sec, 800 - 8 sec, 1600 - 16 sec, 3200 - 32 sec. Default 400.

P250 = 400

DTMF Payload Type

P79 = 101

Preferred DTMF method.

100 - In-audio, 101 - RFC2833, 102 - SIP INFO

Priority 1

P850 = 101

Priority 2

P851 = 102

Priority 3

P852 = 100

Send Flash Event. 0 - no, 1 - yes

P74 = 0

Enable Call Features. 0 - no, 1 - yes

P191 = 1

Proxy-Require (A SIP extension to enable firewall penetration)

P197 =

Use NAT IP. This will enable our SIP client to use this IP in the SIP message. Example
64.3.153.50.

P101 =

Distinctive Ring Tone

0 - Ring Tone 1, 1 - Ring Tone 2, 2 - Ring Tone 3, 3 - Ring Tone 4, 4 - Ring Tone 5,

5 - Ring Tone 6, 6 - Ring Tone 7, 7 - Ring Tone 8, 8 - Ring Tone 9, 9 - Ring Tone 10

Distinctive Ring Tone Choice 1

P870 = 0

Choice 1 incoming caller ID

P871 =

Distinctive Ring Tone Choice 2

P872 = 0

Choice 2 incoming caller ID

P873 =

Distinctive Ring Tone Choice 3

P874 = 0

Choice 3 incoming caller ID

P875 =

Disable Call Waiting. 0 - no, 1 - yes

P91 = 0

Disable Call-Waiting Caller ID. 0 - no, 1 - yes

P714 =0

Disable Call-Waiting Tone. 0 - no, 1 - yes

P186 = 0

Disable Reminder Ring for On-Hold Call:

P4360 = 0

Disable Visual MWI. 0 - No, 1 - Yes

P855 = 0

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

P185 = 60

Hunting Group Ring Timeout. (5-300, default is 20 seconds)

P4330 = 20

Delayed Call Forward Wait Time. Allowed range 1-120, in seconds. Default 20 seconds.

P139 = 20

No Key Entry Timeout. Default - 4 seconds.

P85 = 4

Early Dial. 0 - No, 1 - Yes (use "Yes" only if proxy supports 484 response). 0 - no, 1 - yes

P29 = 0

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

P66 =

Use # as Dial Key (if set to Yes, "#" will function as the "(Re-)Dial" key). 0 - no, 1 - yes

P72 = 1

Dial Plan

P4200 = {*x+|00x+|15xxx+|13[01]x+|06[237]0xxxxxxx|06xxxxxxx|[1-9]xxxxx|17xxx|118xx|14[5-9]xx|116xxx|17xx|18xx|14[0-4]x|12xx|19[1234789]|17x|18x|10[457]|112}

SUBSCRIBE for MWI. 0 - No, 1 - Yes.

P99 = 1

Send Anonymous. 0 - no, 1 - yes (caller ID will be blocked if set to Yes).

P65 = 0

Anonymous Call Rejection. 0 - No, 1 - Yes.

P129 = 0

```
# Special Feature
# 100 - Standard, 108 - CBCOM, 109 - RNK, 111 - Huawei
P198 = 100

# Session Expiration (in seconds. default 180 seconds. Allowed value: 90-65535)
P260 = 180

# Minimum SE (in seconds. default 90 seconds, must be lower than or equal to P260)
P261 = 90

# Caller Request Timer (Request for timer when calling) 0 - no, 1 - yes
P262 = 0

# Callee Request Timer (Request for timer when called. i.e. if remote party supports timer but
did not request for one) 0 - no, 1 - yes
P263 = 0

# Force Timer (Still use timer when remote party does not support timer) 0 - no, 1 - yes
P264 = 0

# UAC Specify Refresher. 0 - omit, 1 - UAC, 2 - UAS
P266 = 0

# UAS Specify Refresher. 1 - UAC, 2 - UAS
P267 = 1

# Force INVITE (Always refresh with INVITE instead of UPDATE even when remote party supports
UPDATE) 0 - no, 1 - yes
P265 = 0

# Send Re-INVITE After Fax. 0 - No, 1 - Yes
P4367 = 0

#-----
# Codec/Voice Quality settings
#-----

# Use First Matching Vocoder in 2000K SDP. 0 - No, 1 - Yes
P4363 = 0

# Preferred Vocoder
```

```
# 0 - PCMU, 8 - PCMA, 4 - G.723, 18 - G.729, 2 - G.726-32, 100 - AAL2-G.726-16,  
# 102 - AAL2-G.726-24, 104 - AAL2-G726-32, 103 - AAL2-G.726-40, 98 - iLBC, 99 - G.729E  
  
# Choice 1.  
P57 = 8  
  
# Choice 2.  
P58 = 0  
  
# Choice 3.  
P59 = 4  
  
# Choice 4.  
P60 = 18  
  
# Choice 5.  
P61 = 2  
  
# Choice 6.  
P62 = 98  
  
# Choice 7.  
P46 = 103  
  
# Choice 8.  
P98 = 99  
  
# G723 rate. 0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate  
P49 = 0  
  
# iLBC Frame Size. 0 - 20ms(default), 1 - 30ms.  
P97 = 0  
  
# iLBC payload type. Between 96 and 127, default is 97.  
P96 = 97  
  
# AAL2-G.726-16 Payload type. (between 96 and 127, default is 100)  
P125 = 100  
  
# AAL2-G.726-24 Payload type. (between 96 and 127, default is 99)  
P126 = 99
```

AAL2-G726-32 payload type. (between 96 and 127, default is 104)

P127 = 104

AAL2-G.726-40 Payload type. (between 96 and 127, default is 103)

P128 = 103

G.729E Payload type. (between 96 and 127, default is 102)

P124 = 102

VAD. 0 - No, 1 - Yes

P50 = 0

Symmetric RTP. 0 - No, 1 - Yes

P291 = 0

FAX Mode. 0 - T.38 (Auto Detect), 1 - Pass Through

P228 = 0

Fax Tone Detection Mode. 1 - Caller, 0 - Callee, 2 - Caller or Callee

P894 = 0

Jitter Buffer Type. 0 - Fixed, 1 - Adaptive

P133= 1

Jitter Buffer Length. 0 - Low, 1 - Medium, 2 - High

P132 = 1

SRTP Mode

0 = Disabled

1 = Enabled but not forced

2 = Enabled and forced

P183 = 1

#-----

SLIC Setting

0 - USA, 1 - AUSTRIA, 2 - BELGIUM, 3 - FINLAND, 4 - FRANCE, 5 - GERMANY

6 - GREECE, 7 -ITALY, 8 - JAPAN, 9 - NORWAY, 10 - SPAIN, 11 - SWEDEN,

12 - UK, 13 - AUSTRALIA/NEW ZEALAND

P854 = 4

```
# Caller ID Scheme
# 0 - Bellcore/Telcordia
# 1 - ETSI-FSK during ringing
# 2 - ETSI-FSK prior to ringing with DTAS
# 3 - ETSI-FSK prior to ringing with LR
# 4 - ETSI-FSK prior to ringing with RP
# 5 - ETSI-DTMF during ringing
# 6 - ETSI-DTMF prior to ringing with DTAS
# 7 - ETSI-DTMF prior to ringing with LR
# 8 - ETSI-DTMF prior to ringing with RP
# 9 - SIN 227 - BT
# 10 - NTT Japan
P853 = 1

# Polarity Reversal. 0 - No, 1 - Yes
P205 = 0

# Loop Current Disconnect. 0 - No, 1 - Yes
P892 = 0

# Loop Current Disconnect Duration. In 100 - 10000 milliseconds range, default is 200.
P856 = 200

# Hook Flash Timing. In 40-2000 milliseconds range
# minimum
P251 = 40

# maximum
P252 = 350

# On Hook Timing. (In 40-2000 milliseconds range, default is 400)
P833 = 400

# Gain:
# TX
# <value=1> +6dB
# <value=2> +4dB
# <value=3> +2dB
# <value=0> 0dB
# <value=4> -2dB
# <value=5> -4dB
```

<value=6> -6dB

P247 = 0

RX

<value=1> +6dB

<value=2> +4dB

<value=3> +2dB

<value=0> 0dB

<value=4> -2dB

<value=5> -4dB

<value=6> -6dB

P249 = 0

Disable Line Echo Canceller (LEC). 0 - No, 1 - Yes

P824 = 0

Ring Tone 1

P4010 = c=1000/4000;

Ring Tone 2

P4011 = c=2000/4000;

Ring Tone 3

P4012 = c=2000/4000;

Ring Tone 4

P4013 = c=2000/4000;

Ring Tone 5

P4014 = c=2000/4000;

Ring Tone 6

P4015 = c=2000/4000;

Ring Tone 7

P4016 = c=2000/4000;

Ring Tone 8

P4017 = c=2000/4000;

Ring Tone 9

P4018 = c=2000/4000;

Ring Tone 10

P4019 = c=2000/4000;

#####

Profile 2 Settings

#####

Profile Active. 0 - no, 1 - yes

P401 = 0

Primary SIP Server

P747 = sip.mycompany.com

Failover SIP Server

P987 =

Prefer Primary SIP Server. 0 - No, 1 - Yes.

P4568 = 0

Outbound Proxy

P748 = proxy.mycompany.com

SIP Transport

0 - UDP, 1 - TCP, 2 - TLS

P830 = 0

NAT Traversal (STUN). 0 - No, 2 - No but send keep-alive, 1 - Yes

P730 = 0

Visual MWI type: 0 - FSK, 1 - Neon

P4372 = 0

DNS Mode. 0 - A Record, 1 - SRV, 2 - NAPTR/SRV.

P702 = 0

SIP User ID is phone number. 0 - no, 1 - yes

P763 = 0

SIP Registration. 0 - no, 1 - yes

P731 = 1

Unregister On Reboot. 0 - no, 1 - yes

P752 = 0

Outgoing call without Registration. 0 - no, 1 - yes

P813 = 1

Register Expiration (in minutes. default 1 hour, max 45 days)

P732 = 60

Registration Retry Wait Time (in seconds. Between 1-3600, default is 30)

P471 = 30

Local SIP port (default 6060)

P740 = 6060

Local RTP port (1024-65535, default 6004)

P739 = 6004

Use Random Port. 0 - no, 1 - yes

P778 = 0

Refer-To Use Target Contact. 0 - no, 1 - yes

P469 = 0

Transfer on Conference Hangup. 0 - no, 1 - yes

P4561 = 0

Remove OBP from Route Header. 0 - no, 1 - yes

P4563 = 0

Support SIP Instance ID. 0 - no, 1 - yes

P489 = 1

Validate Incoming Message. 0 - No, 1 - Yes

P4341 = 0

Check SIP Incoming UserID. 0 - No, 1 - Yes

P449 = 0

```
# Allow Incoming SIP Messages from SIP Proxy Only:
P742 = 0

# SIP T1 Timeout. RFC 3261 T1 value (RTT estimate)
# 50 - 0.5 sec, 100 - 1 sec, 200 - 2 sec, 400 - 4 sec, 800 - 8 sec. Default 100.
P440 = 100

# SIP T2 Interval. RFC 3261 T2 value. The maximum retransmit interval for non-INVITE requests
and INVITE responses.
# 200 - 2 sec, 400 - 4 sec, 800 - 8 sec, 1600 - 16 sec, 3200 - 32 sec. Default 400.
P441 = 400

# DTMF Payload Type
P779 = 101

# Preferred DTMF method.
# 100 - In-audio, 101 - RFC2833, 102 - SIP INFO
# Priority 1
P860 = 100

# Priority 2
P861 = 100

# Priority 3
P862 = 100

# Send Flash Event. 0 - no, 1 - yes
P774 = 0

# Enable Call Features. 0 - no, 1 - yes
P751 = 1

# Proxy-Require (A SIP extension to enable firewall penetration)
P792 =

# Use NAT IP. This will enable our SIP client to use this IP in the SIP message. Example
64.3.153.50.
P866 =

# Distinctive Ring Tone
# 0 - Ring Tone 1, 1 - Ring Tone 2, 2 - Ring Tone 3, 3 - Ring Tone 4, 4 - Ring Tone 5,
```

5 - Ring Tone 6, 6 - Ring Tone 7, 7 - Ring Tone 8, 8 - Ring Tone 9, 9 - Ring Tone 10

Distinctive Ring Tone Choice 1

P880 = 0

Choice 1 incoming caller ID

P881 =

Distinctive Ring Tone Choice 2

P882 = 0

Choice 2 incoming caller ID

P883 =

Distinctive Ring Tone Choice 3

P884 = 0

Choice 3 incoming caller ID

P885 =

Disable Call Waiting. 0 - no, 1 - yes

P791 = 0

Disable Call-Waiting Caller ID. 0 - no, 1 - yes

P823 =0

Disable Call-Waiting Tone. 0 - no, 1 - yes

P817 = 0

Disable Reminder Ring for On-Hold Call:

P4361 = 0

Disable Visual MWI. 0 - No, 1 - Yes

P869 = 0

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

P816 = 60

Hunting Group Ring Timeout. (5-300, default is 20 seconds)

P4331 = 20

```
# Delayed Call Forward Wait Time. Allowed range 1-120, in seconds. Default 20 seconds.
P470 = 20

# No Key Entry Timeout. Default - 4 seconds.
P292 = 4

# Early Dial. 0 - No, 1 - Yes (use "Yes" only if proxy supports 484 response). 0 - no, 1 - yes
P729 = 0

# Dial Plan Prefix.(this prefix string is added to each dialed number)
P766 =

# Use # as Dial Key (if set to Yes, "#" will function as the "(Re-)Dial" key). 0 - no, 1 - yes
P772 = 1

# Dial Plan
P4201 = { x+ | *x+ }

# SUBSCRIBE for MWI. 0 - No, 1 - Yes.
P709 = 0

# Send Anonymous. 0 - No, 1 - Yes (caller ID will be blocked if set to Yes)
P765 = 0

# Anonymous Call Rejection. 0 - No, 1 - Yes.
P446 = 0

# Special Feature
# 100 - Standard, 108 - CBCOM, 109 - RNK, 111 - Huawei
P767 = 100

# Session Expiration (in seconds. default 180 seconds. Allowed value: 90-65535)
P434 = 180

# Minimum SE (in seconds. default 90 seconds, must be lower than or equal to P260)
P427 = 90

# Caller Request Timer (Request for timer when calling) 0 - no, 1 - yes
P428 = 0

# Callee Request Timer (Request for timer when called. i.e. if remote party supports timer but
```

did not request for one) 0 - no, 1 - yes

P429 = 0

Force Timer (Still use timer when remote party does not support timer) 0 - no, 1 - yes

P430 = 0

UAC Specify Refresher. 0 - omit, 1 - UAC, 2 - UAS

P432 = 0

UAS Specify Refresher. 1 - UAC, 2 - UAS

P433 = 1

Force INVITE (Always refresh with INVITE instead of UPDATE even when remote party supports UPDATE) 0 - no, 1 - yes

P431 = 0

Send Re-INVITE After Fax. 0 - No, 1 - Yes

P4368 = 0

#-----

Codec/Voice Quality settings

#-----

Use First Matching Vocoder in 2000K SDP. 0 - No, 1 - Yes

P4364 = 0

Preferred Vocoder

0 - PCMU, 8 - PCMA, 4 - G.723, 18 - G.729, 2 - G.726-32, 100 - AAL2-G.726-16,

102 - AAL2-G.726-24, 104 - AAL2-G.726-32, 103 - AAL2-G.726-40, 98 - iLBC, 99 - G.729E

Choice 1.

P757 = 0

Choice 2.

P758 = 8

Choice 3.

P759 = 4

Choice 4.

P760 = 18

Choice 5.

P761 = 2

Choice 6.

P762 = 98

Choice 7.

P814 = 103

Choice 8.

P815 = 99

G723 rate. 0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate

P749 = 0

iLBC Frame Size. 0 - 20ms(default), 1 - 30ms.

P705 = 0

iLBC payload type. Between 96 and 127, default is 97.

P704 = 97

AAL2-G726-16 payload type. (between 96 and 127, default is 100)

P819 = 100

AAL2-G726-24 payload type. (between 96 and 127, default is 99)

P820 = 99

AAL2-G726-32 payload type. (between 96 and 127, default is 104)

P821 = 104

AAL2-G726-40 payload type. (between 96 and 127, default is 103)

P822 = 103

G729E payload type. (between 96 and 127, default is 102)

P818 = 102

VAD. 0 - No, 1 - Yes

P750 = 0

Symmetric RTP. 0 - No, 1 - Yes

P460 = 0

FAX Mode. 0 - T.38 (Auto Detect), 1 - Pass Through

P710 = 0

Fax Tone Detection Mode. 1 - Caller, 0 - Callee, 2 - Caller or Callee

P895 = 0

Jitter Buffer Type. 0 - Fixed, 1 - Adaptive

P831 = 1

Jitter Buffer Length. 0 - Low, 1 - Medium, 2 - High

P832 = 1

SRTP Mode

0 = Disabled

1 = Enabled but not forced

2 = Enabled and forced

P443 = 0

#-----

SLIC Setting

0 - USA, 1 - AUSTRIA, 2 - BELGIUM, 3 - FINLAND, 4 - FRANCE, 5 - GERMANY

6 - GREECE, 7 - ITALY, 8 - JAPAN, 9 - NORWAY, 10 - SPAIN, 11 - SWEDEN

12 - UK, 13 - AUSTRALIA/NEW ZEALAND

P864 = 0

Caller ID Scheme

0 - Bellcore/Telcordia

1 - ETSI-FSK during ringing

2 - ETSI-FSK prior to ringing with DTAS

3 - ETSI-FSK prior to ringing with LR

4 - ETSI-FSK prior to ringing with RP

5 - ETSI-DTMF during ringing

6 - ETSI-DTMF prior to ringing with DTAS

7 - ETSI-DTMF prior to ringing with LR

8 - ETSI-DTMF prior to ringing with RP

9 - SIN 227 - BT

10 - NTT Japan

P863 = 0

Polarity Reversal. 0 - No, 1 - Yes

P865 = 0

Loop Current Disconnect. 0 - No, 1 - Yes

P893 = 0

Loop Current Disconnect Duration. In 100 - 10000 milliseconds range, default is 200.

P857 = 200

Hook Flash Timing. In 40-2000 milliseconds range.

minimum

P811 = 300

maximum

P812 = 1100

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

P834 = 400

Gain:

TX

<value=1> +6dB

<value=2> +4dB

<value=3> +2dB

<value=0> 0dB

<value=4> -2dB

<value=5> -4dB

<value=6> -6dB

P248 = 0

RX

<value=1> +6dB

<value=2> +4dB

<value=3> +2dB

<value=0> 0dB

<value=4> -2dB

<value=5> -4dB

<value=6> -6dB

P283 = 0

Disable Line Echo Canceller (LEC). 0 - No, 1 - Yes

P825 = 0

Ring Tone 1

P4030 = c=2000/4000;

Ring Tone 2

P4031 = c=2000/4000;

Ring Tone 3

P4032 = c=2000/4000;

Ring Tone 4

P4033 = c=2000/4000;

Ring Tone 5

P4034 = c=2000/4000;

Ring Tone 6

P4035 = c=2000/4000;

Ring Tone 7

P4036 = c=2000/4000;

Ring Tone 8

P4037 = c=2000/4000;

Ring Tone 9

P4038 = c=2000/4000;

Ring Tone 10

P4039 = c=2000/4000;

#####

Profile 3 Settings

#####

Profile Active. 0 - no, 1 - yes

P501 = 0

Primary SIP Server

P547 = sip.mycompany.com

Failover SIP Server

P997 =

Prefer Primary SIP Server. 0 - No, 1 - Yes.

P4569 = 0

Outbound Proxy

P548 = proxy.mycompany.com

SIP Transport

0 - UDP, 1 - TCP, 2 - TLS

P530 = 0

NAT Traversal (STUN). 0 - No, 2 - No but send keep-alive, 1 - Yes

P630 = 0

Visual MWI type: 0 - FSK, 1 - Neon

P4373 = 0

DNS Mode. 0 - A Record, 1 - SRV, 2 - NAPTR/SRV.

P502 = 0

SIP User ID is phone number. 0 - no, 1 - yes

P563 = 0

SIP Registration. 0 - no, 1 - yes

P531 = 1

Unregister On Reboot. 0 - no, 1 - yes

P552 = 0

Outgoing calls without registration. 0 - No, 1 - Yes

P513 = 1

Register Expiration (in minutes. default 1 hour, max 45 days)

P532 = 60

Registration Retry Wait Time (in seconds. Between 1-3600, default is 30)

P571 = 30

```
# Local SIP port (default 6060)
P640 = 6060

# Local RTP port (1024-65535, default 6004)
P539 = 6004

# Use Random Port. 0 - no, 1 - yes
P578 = 0

# Refer to Use Target Contact. 0 - No, 1 - Yes
P569 = 0

# Transfer on Conference Hangup. 0 - no, 1 - yes
P4565 = 0

# Remove OBP from Route Header. 0 - no, 1 - yes
P4564 =0

# Support SIP Instance ID. 0 - no, 1 - yes
P589 = 1

# Validate Incoming Message. 0 - No, 1 - Yes
P4342 = 0

# Check SIP Incoming UserID. 0 - No, 1 - Yes (no direct IP calling if Yes)
P549 = 0

# Allow Incoming SIP Messages from SIP Proxy Only
P4043 = 0

# SIP T1 Timeout. RFC 3261 T1 value (RTT estimate)
# 50 - 0.5 sec, 100 - 1 sec, 200 - 2 sec, 400 - 4 sec, 800 - 8 sec. Default 100.
P540 = 100

# SIP T2 Interval. RFC 3261 T2 value. The maximum retransmit interval for non-INVITE requests
and INVITE responses.
# 200 - 2 sec, 400 - 4 sec, 800 - 8 sec, 1600 - 16 sec, 3200 - 32 sec. Default 400.
P541 = 400

# DTMF Payload Type
P579 = 101
```

```
# Preferred DTMF method.
# 100 - In-audio, 101 - RFC2833, 102 - SIP INFO
# Priority 1
P560 = 100

# Priority 2
P561 = 100

# Priority 3
P562 = 100

# Send FLASH event. 0 - No, 1 - Yes
P574 = 0

# Enable Call Features. 0 - no, 1 - yes
P551 = 1

# Proxy-Require (A SIP extension to enable firewall penetration)
P592 =

# Use NAT IP. This will enable our SIP client to use this IP in the SIP message. Example
64.3.153.50.
P566 =

# Distinctive Ring Tone
# 0 - Ring Tone 1, 1 - Ring Tone 2, 2 - Ring Tone 3, 3 - Ring Tone 4, 4 - Ring Tone 5,
# 5 - Ring Tone 6, 6 - Ring Tone 7, 7 - Ring Tone 8, 8 - Ring Tone 9, 9 - Ring Tone 10

# Distinctive Ring Tone Choice 1
P580 = 0

# Choice 1 incoming caller ID
P581 =

# Distinctive Ring Tone Choice 2
P582 = 0

# Choice 2 incoming caller ID
P583 =
```

```
# Distinctive Ring Tone Choice 3
P584 = 0

# Choice 3 incoming caller ID
P585 =

# Disable Call Waiting. 0 - no, 1 - yes
P591 = 0

# Disable Call-Waiting Caller ID. 0 - no, 1 - yes
P523 =0

# Disable Call-Waiting Tone. 0 - no, 1 - yes
P517 = 0

# Disable Reminder Ring for On-Hold Call:
P4362 = 0

# Disable Visual MWI. 0 - No, 1 - Yes
P669 = 0

# Ring Timeout. (10-300, default is 60 seconds)
P516 = 60

# Hunting Group Ring Timeout. (5-300, default is 20 seconds)
P4332 = 20

# Delayed Call Forward Wait Time. Allowed range 1-120, in seconds. Default 20 seconds.
P570 = 20

# No Key Entry Timeout. Default - 4 seconds.
P492 = 4

# Early Dial. 0 - No, 1 - Yes (use "Yes" only if proxy supports 484 response). 0 - no, 1 - yes
P529 = 0

# Dial Plan Prefix (dial plan prefix string).
P666 =

# Use # as Dial Key (if set to Yes, "#" will function as the "(Re-)Dial" key). 0 - no, 1 - yes
P572 = 1
```

```
# Dial Plan
P4202 = { x+ | *x+ }

# SUBSCRIBE for MWI. 0 - No, 1 - Yes.
P509 = 0

# Send Anonymous (caller ID will be blocked if set to Yes). 0 - no, 1 - yes
P565 = 0

# Anonymous Call Rejection. 0 - No, 1 - Yes.
P546 = 0

# Special Feature
# 100 - Standard, 108 - CBCOM, 109 - RNK, 111 - Huawei
P567 =

# Session Expiration (in seconds. default 180 seconds. Allowed value: 90-65535)
P534 = 180

# Minimum SE (in seconds. default 90 seconds, must be lower than or equal to P260)
P527 = 90

# Caller Request Timer (Request for timer when calling) 0 - no, 1 - yes
P528 = 0

# Callee Request Timer (Request for timer when called. i.e. if remote party supports timer but
did not request for one) 0 - no, 1 - yes
P629 = 0

# Force Timer (Still use timer when remote party does not support timer) 0 - no, 1 - yes
P664 = 0

# Force INVITE (Always refresh with INVITE instead of UPDATE even when remote party supports
UPDATE) 0 - no, 1 - yes
P365 = 0

# UAC Specify Refresher. 0 - omit, 1 - UAC, 2 - UAS
P632 = 0

# UAS Specify Refresher. 1 - UAC, 2 - UAS
```

P533 = 1

Send Re-INVITE After Fax. 0 - No, 1 - Yes

P4369 = 0

#-----

Codec/Voice Quality settings

#-----

Use First Matching Vocoder in 2000K SDP. 0 - No, 1 - Yes

P4365 = 0

Preferred Vocoder

0 - PCMU, 8 - PCMA, 4 - G.723, 18 - G.729, 2 - G.726-32, 100 - AAL2-G.726-16,

102 - AAL2-G.726-24, 104 - AAL2-G.726-32, 103 - AAL2-G.726-40, 98 - iLBC, 99 - G.729E

Choice 1.

P557 = 0

Choice 2.

P558 = 8

Choice 3.

P559 = 4

Choice 4.

P660 = 18

Choice 5.

P661 = 2

Choice 6.

P662 = 98

Choice 7.

P514 = 103

Choice 8.

P515 = 99

G723 rate. 0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate

P4350 = 0

iLBC Frame Size. 0 - 20ms(default), 1 - 30ms.

P505 = 0

iLBC payload type. Between 96 and 127, default is 97.

P504 = 97

AAL2-G726-16 payload type. (between 96 and 127, default is 100)

P519 = 100

AAL2-G726-24 payload type. (between 96 and 127, default is 99)

P520 = 99

AAL2-G726-32 payload type. (between 96 and 127, default is 104)

P521 = 104

AAL2-G726-40 payload type. (between 96 and 127, default is 103)

P522 = 103

G729E payload type. (between 96 and 127, default is 102)

P518 = 102

VAD. 0 - No, 1 - Yes

P550 = 0

Symmetric RTP. 0 - No, 1 - Yes

P691 = 0

FAX Mode. 0 - T.38 (Auto Detect), 1 - Pass Through

P510 = 0

Fax Tone Detection Mode. 1 - Caller, 0 - Callee, 2 - Caller or Callee

P595 = 0

Jitter Buffer Type. 0 - Fixed, 1 - Adaptive

P631 = 1

Jitter Buffer Length. 0 - Low, 1 - Medium, 2 - High

P835 = 1

```
# SRTP Mode
# 0 = Disabled
# 1 = Enabled but not forced
# 2 = Enabled and forced
P543 = 0

#-----
# SLIC Setting
# 0 - USA, 1 - AUSTRIA, 2 - BELGIUM, 3 - FINLAND, 4 - FRANCE, 5 - GERMANY
# 6 - GREECE, 7 -ITALY, 8 - JAPAN, 9 - NORWAY, 10 - SPAIN, 11 - SWEDEN
# 12 - UK, 13 - AUSTRALIA/NEW ZEALAND
P564 = 0

# Caller ID Scheme
# 0 - Bellcore/Telcordia
# 1 - ETSI-FSK during ringing
# 2 - ETSI-FSK prior to ringing with DTAS
# 3 - ETSI-FSK prior to ringing with LR
# 4 - ETSI-FSK prior to ringing with RP
# 5 - ETSI-DTMF during ringing
# 6 - ETSI-DTMF prior to ringing with DTAS
# 7 - ETSI-DTMF prior to ringing with LR
# 8 - ETSI-DTMF prior to ringing with RP
# 9 - SIN 227 - BT
# 10 - NTT Japan
P663 = 0

# Polarity Reversal. 0 - No, 1 - Yes
P665 = 0

# Loop Current Disconnect. 0 - No, 1 - Yes
P593 = 0

# Loop Current Disconnect Duration. In 100 - 10000 milliseconds range, default is 200.
P657 = 200

# Hook Flash Timing. In 40-2000 milliseconds range.
# minimum
P511 = 300

# maximum
```

P512 = 1100

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

P634 = 400

Gain:

TX

<value=1> +6dB

<value=2> +4dB

<value=3> +2dB

<value=0> 0dB

<value=4> -2dB

<value=5> -4dB

<value=6> -6dB

P648 = 0

RX

<value=1> +6dB

<value=2> +4dB

<value=3> +2dB

<value=0> 0dB

<value=4> -2dB

<value=5> -4dB

<value=6> -6dB

P683 = 0

Disable Line Echo Canceller (LEC). 0 - No, 1 - Yes

P4366 = 0

Ring Tone 1

P4020 = c=2000/4000;

Ring Tone 2

P4021 = c=2000/4000;

Ring Tone 3

P4022 = c=2000/4000;

Ring Tone 4

P4023 = c=2000/4000;

P4121 =
P4181 =
P4151 =
P4301 =

FXS Port 3

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 3 - Active, 1 - 1, 2 - 2, 4 -4, 5 - 5, 6 - 6, 7 - 7, 8 - 8)

P4062 =
P4092 =
P4122 =
P4182 =
P4152 =
P4302 =

FXS Port 4

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 4 - Active, 1 - 1, 2 - 2, 3 - 3, 5 - 5, 6 - 6, 7 - 7, 8 - 8)

P4063 =
P4093 =
P4123 =
P4183 =
P4153 =
P4303 =

#-----
The following 4 ports belong to GXW-4008/GXW-4024 only
#-----

FXS Port 5

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4064 =
P4094 =
P4124 =
P4184 =
P4154 =
P4304 =

```
# FXS Port 6
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 -
Profile 3)
# Hunting Group (0 - None, 6 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 5 - 5, 7 - 7, 8 - 8 )
P4065 =
P4095 =
P4125 =
P4185 =
P4155 =
P4305 =

# FXS Port 7
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 -
Profile 3)
# Hunting Group (0 - None, 7 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 5 - 5, 6 - 6, 8 - 8 )
P4066 =
P4096 =
P4126 =
P4186 =
P4156 =
P4306

# FXS Port 8
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 -
Profile 3)
# Hunting Group (0 - None, 8 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 5 - 5, 6 - 6, 7 - 7 )
P4067 =
P4097 =
P4127 =
P4187 =
P4157 =
P4307 =

#-----
# The following 16 ports belong to GXW-4024 only
#-----

# FXS Port 9
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 -
Profile 3)
```

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4068 =

P4098 =

P4128 =

P4188 =

P4158 =

P4308 =

FXS Port 10

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4069 =

P4099 =

P4129 =

P4189 =

P4159 =

P4309 =

FXS Port 11

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4070 =

P4100 =

P4130 =

P4190 =

P4160 =

P4310 =

FXS Port 12

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4071 =

P4101 =

P4131 =

P4191 =

P4161 =

P4311 =

```
# FXS Port 13
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)
# Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8 )
P4072 =
P4102 =
P4132 =
P4192 =
P4162 =
P4312 =

# FXS Port 14
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)
# Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8 )
P4073 =
P4103 =
P4133 =
P4193 =
P4163 =
P4313 =

# FXS Port 15
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)
# Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8 )
P4074 =
P4104 =
P4134 =
P4194 =
P4164 =
P4314 =

# FXS Port 16
# SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)
# Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8 )
P4075 =
P4105 =
P4135 =
P4195 =
```

P4165 =

P4315 =

FXS Port 17

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4076 =

P4106 =

P4136 =

P4196 =

P4166 =

P4316 =

FXS Port 18

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4077 =

P4107 =

P4137 =

P4197 =

P4167 =

P4317 =

FXS Port 19

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4078 =

P4108 =

P4138 =

P4198 =

P4168 =

P4318 =

FXS Port 20

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4079 =

P4109 =

P4139 =

P4199 =

P4169 =

P4319 =

FXS Port 21

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4080 =

P4110 =

P4140 =

P4252 =

P4170 =

P4320 =

FXS Port 22

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4081 =

P4111 =

P4141 =

P4253 =

P4171 =

P4321 =

FXS Port 23

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 - Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4082 =

P4112 =

P4142 =

P4254 =

P4172 =

P4322 =

FXS Port 24

SIP USER ID, Authenticate ID, Password, Name, Profile ID (0 - Profile 1, 1 - Profile 2, 2 -

Profile 3)

Hunting Group (0 - None, 5 - Active, 1 - 1, 2 - 2, 3 - 3, 4 -4, 6 - 6, 7 - 7, 8 - 8)

P4083 =

P4113 =

P4143 =

P4255 =

P4173 =

P4323 =

Offhook Auto-dial

P4210 =

P4211 =

P4212 =

P4213 =

P4214 =

P4215 =

P4216 =

P4217 =

Map to FX0 Port#

P4521 = 1

P4522 = 1

P4523 = 1

P4524 = 1

P4525 = 1

P4526 = 1

P4527 = 1

P4528 = 1

Map to FX0 Gateway IP

P4264 =

P4265 =

P4266 =

P4267 =

P4268 =

P4269 =

P4270 =

P4271 =

The following is for GXW-4024 only

Offhook Auto-dial

P4218 =

P4219 =

P4220 =

P4221 =

P4222 =

P4223 =

P4224 =

P4225 =

P4226 =

P4227 =

P4228 =

P4229 =

P4230 =

P4231 =

P4232 =

P4233 =

Map to FX0 Port#

P4529 =

P4530 =

P4531 =

P4532 =

P4533 =

P4534 =

P4535 =

P4536 =

P4537 =

P4538 =

P4539 =

P4540 =

P4541 =

P4542 =

P4543 =

P4544 =

Map to FX0 Gateway IP

P4272 =

P4273 =

P4274 =

P4275 =

P4276 =
P4277 =
P4278 =
P4279 =
P4280 =
P4281 =
P4282 =
P4283 =
P4284 =
P4285 =
P4286 =
P4287 =

=

#Basic Settings Page

=

End User Password

#P196 = 123

Web Port. Default HTTP is 80.

P901 = 80

Telnet Server. 1 - No, 0 - Yes

P276 = 0

#IP Address. 0 - DHCP, 2 - PPPoE, 1 - Static IP

P8 = 1

#-----

DHCP

DHCP Hostname, DHCP option 12. Max length allowed is 32 bytes.

P146 =

DHCP Domain Name, DHCP option 15. Max length allowed is 32 bytes.

P147 =

DHCP Vendor Class ID, DHCP option 60. Max length allowed is 32 bytes.

P148 = HT500

#-----

PPPoE

PPPoE account ID

#P82 =

PPPoE password

#P83 =

PPPoE Service Name

P269 =

Preferred DNS server

P92 = 0

P93 = 0

P94 = 0

P95 = 0

#-----

#Static IP

IP Address. Ignore if DHCP or PPPoE is used

P9 = 192

P10 = 168

P11 = 1

P12 = 2

Subnet mask. Ignore if DHCP or PPPoE is used

P13 = 255

P14 = 255

P15 = 255

P16 = 0

Router. Ignore if DHCP or PPPoE is used

P17 = 192

P18 = 168

P19 = 1

P20 = 1

DNS 1. Ignore if DHCP or PPPoE is used

P21 = 193

P22 = 225

P23 = 14

P24 = 58

DNS 2. Ignore if DHCP or PPPoE is used

P25 = 193

P26 = 225

P27 = 13

P28 = 113

#-----

Time Zone. Offset in minutes to GMT

<value=TZA+12> GMT-12:00 (International Date Line West)

<value=TZB+11> GMT-11:00 (Midway Island, Samoa)

<value=TZC+10> GMT-10:00 (US Hawaiian Time)

<value=TZD+9> GMT-9:00 (US Alaska Time)

<value=TZE+8> GMT-8:00 (US Pacific Time, Los Angeles)

<value=TZF+7> GMT-7:00 (US Mountain Time, Denver)

<value=TZG+6> GMT-6:00 (US Central Time, Chicago)

<value=TZH+5> GMT-5:00 (US Eastern Time, New York)

<value=TZf+4:30> GMT-4:30 (Caracas)

<value=TZI+4> GMT-4:00 (Atlantic Time, Quebec)

<value=TZJ+3:30> GMT-3:30 (Newfoundland)

<value=TZK+3> GMT-3:00 (Greenland)

<value=TZL+2> GMT-2:00 (Mid-Atlantic)

<value=TZM+1> GMT-1:00 (Azores, Cape Verdi Is.)

<value=TZN+0> GMT (London, Dublin, Edinburgh, Lisbon, Casablanca, Monrovia)

<value=TZO-1> GMT+1:00 (Paris, Amsterdam, Berlin, Rome, Vienna, Madrid, Warsaw, Brussels)

<value=TZP-2> GMT+2:00 (Israel, Cairo, Athens, Helsinki, Istanbul, Bucharest)

<value=TZQ-3> GMT+3:00 (Moscow, Kuwait, Baghdad, Tehran, Nairobi)

<value=TZR-4> GMT+4:00 (Abu Dhabi, Baku)

<value=TZf+4:30> GMT-4:30 (Caracas)

<value=TZS-5> GMT+5:00 (Islamabad, Ekaterinburg, Karachi, Tashkent)

<value=TZT-5:30> GMT+5:30 (Chennai, New Delhi, Mumbai)

<value=TZU-5:45> GMT+5:45 (Kathmandu)

<value=TZV-6> GMT+6:00 (Almaty, Astana, Dhaka, Novosibirsk)

<value=TZW-6:30> GMT+6:30 (Rangoon)

<value=TZX-7> GMT+7:00 (Bankok, Jakarta, Hanoi, Krasnoyarsk)

<value=TZY-8> GMT+8:00 (Beijing, Singapore, Taipei, Kuala Lumpur, Irkutsk, Perth)

```
# <value=TZZ-9> GMT+9:00 (Japan, Korea, Yakutsk)
# <value=TZa-9:30> GMT+9:30 (Adelaide, Darwin)
# <value=TZb-10> GMT+10:00 (Brisbane, Sydney, Melbourne, Canberra, Guam, Hobart)
# <value=TZc-11> GMT+11:00 (Magadan, Solomon Is., New Caledonia)
# <value=TZd-12> GMT+12:00 (Auckland, Wellington, Fiji)
# <value=TZe-13> GMT+13:00 (Nuku'alofa)
# <value=customize> Using self-defined Time Zone
P64 = customize

# Self-Defined Time Zone
P246 = CET-1CEST-2,M3.4.0,M10.5.0

# Language. 0 - English, 4 - Chinese, 10 - Spanish IVR
P342 = 0

#-----
# NAT/DHCP Server Information & Configuration
#-----
# For GXW4004/GXW4008 only
#-----

# Device Mode. 0 -NAT Router, 1 - Bridge
P231 = 1

# NAT maximum ports. range: 0 - 4096, default is 1024
P896 = 1024

# NAT TCP timeout. range: 0 - 3600, default is 3600
P897 = 3600

# NAT UDP timeout. range: 0 - 3600, default is 300
P898 = 300

# Uplink bandwidth.
#<value=0> Disabled
#<value=2> 128k
#<value=3> 256k
#<value=4> 512k
#<value=5> 1M
#<value=8> 2M
#<value=9> 3M
```

```
#<value=6> 4M
#<value=10> 5M
#<value=7> 10M
#<value=11> 15M
P867 = 0
```

```
# Downlink bandwidth.
```

```
#<value=0> Disabled
#<value=2> 128k
#<value=3> 256k
#<value=4> 512k
#<value=5> 1M
#<value=8> 2M
#<value=9> 3M
#<value=6> 4M
#<value=10> 5M
#<value=7> 10M
#<value=11> 15M
P868 = 0
```

```
# Enable UPnP support. 0 - No, 1 - Yes
P890 = 0
```

```
# Reply to ICMP on WAN port. 0 - No, 1 - Yes. Unit will not respond to PING from WAN side if
set to No.
P189 = 0
```

```
# WAN side HTTP/Telnet access. 0 - No, 1 - Yes (WAN side access will be rejected if set to No)
P190 = 1
```

```
# Cloned WAN MAC Addr (in hex format)
```

```
#P115 =
#P116 =
#P117 =
#P118 =
#P119 =
#P120 =
```

```
# Enable LAN DHCP. 0 - No, 1 - Yes
P5001 = 1
```

LAN DHCP Base IP. (base IP for the LAN port, default is 192.168.2.1)

#P111 = 192.168.2.1

LAN DHCP Start IP. (default is 100)

P5002 = 100

LAN DHCP End IP. (default is 199)

P5003 = 199

LAN Subnet Mask. Default is 255.255.255.0.

#P110 =

#DHCP IP Lease Time, in units of hours, default is 120 hours or 5 days.

#P112 = 120

#DMZ IP.

#P113 =

#-----

Port Forwarding Settings.

#-----

Choice 1

WAN Port

P150 =0

LAN IP

P158 =

LAN Port

P166 =0

Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.

P174 =0

Choice 2

WAN Port

P151 =0

LAN IP

P159 =

LAN Port

P167 =0

Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.

P175 =0

Choice 3

```
# WAN Port
P152 =0
# LAN IP
P160 =
# LAN Port
P168 =0
# Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.
P176 =0
##### Choice 4 #####
# WAN Port
P153 =0
# LAN IP
P161 =
# LAN Port
P169 =0
# Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.
P177 =0
##### Choice 5 #####
# WAN Port
P154 =0
# LAN IP
P162 =
# LAN Port
P170 =0
# Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.
P178 =0
##### Choice 6 #####
# WAN Port
P155 =0
# LAN IP
P163 =
# LAN Port
P171 =0
# Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.
P179 =0
##### Choice 7 #####
# WAN Port
P156 =0
# LAN IP
P164 =
# LAN Port
```

```
P172 =0
# Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.
P180 =0
##### Choice 8 #####
# WAN Port
P157 = 0
# LAN IP
P165 =
# LAN Port
P173 = 0
# Protocol. 0 - UDP Only, 1 - TCP Only, 2 - TCP and UDP.
P181 = 0

##UNKNOWN##

# Forcing a Codec per call. *027110 (PCMU), *027111 (PCMA), *02723 (G723), *02729 (G729),
*0272616 (G726-r16), *0272624 (G724-r24), *0272632 (G726-r32), *0272640 (G726-r40), *027201
(iLBC)
#*02

P4351=*027110
P4352=*027111
P4353=*02723
P4354=*02729
P4355=*0272616
P4356=*0272624
P4357=*0272632
P4358=*0272640
P4359=*021

#unknown
P737 =2
P743=0
P229=0
P108=0
P37=2
P245=8
P4306=0
P133=1
P711=0
P4500=0
```

P4501=1

P4502=0

P200=0

P86=0

P206=2

Változat #1

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