

## GUDA

# **GAI-Tronics Universal Device Application**

### TABLE OF CONTENTS

Confidentiality Notice
General Information3
Preparation3
Obtain the GUDA software
Install the GUDA software
Launch the GUDA Software       4         Application Settings       5         Device Discovery       5         Device Access       6
TUBBCOM <sup>™</sup> Configuration7
Unit7
Network/WiFi10
Intercom       11         Streams       12         Mutual Provisioning ((All Settings Locked))       16         Discovery Channel (All Settings Locked)       17
Phone18SIP Registrar 119SIP Registrar 2/SIP Registrar 320Contacts21
Point-to-Point
Contacts
Web Portal
Video
Activation
Device Export/Import Settings
Device Action Buttons
HUBBCOM <sup>™</sup> Status
Unit
PoE (Power over Ethernet)

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D2	9
rmware Versions	9



## **GUDA**

# **GAI-Tronics Universal Device Application**

## **Confidentiality Notice**

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# **General Information**

The GUDA (GAI-Tronics Universal Device Application) enables configuration of GAI-Tronics HUBBCOM<sup>™</sup> devices. The application has the following requirements:

- Windows 10<sup>®</sup> or Windows 7<sup>®</sup> with Microsoft .NET Framework 4.6.1
- Intel<sup>®</sup> i3 2.0 GHz with dual cores or better processor
- 4 GB ram or more
- DirectX 9 capable video card with a  $1024 \times 768$  dpi minimum screen resolution

# Preparation

## **Obtain the GUDA software**

Download the GUDA software from the GAI-Tronics website at <u>www.gai-tronics.com</u>:

- 1. Click the HUBBCOM<sup>™</sup> IP Devices link.
- 2. Scroll down the page and click the DOWNLOAD GUDA button.
- 3. Click the link to download the software.
- 4. Specify a location to save the download.

## Install the GUDA software

- 1. Double click the downloaded application to launch the installation.
- 2. Click the Run button to continue past the open file security warning.
- 3. Click Yes when prompted by the system to allow the installation to change the PC's configuration.
- 4. Keep the default installation path and click next.

- 5. Keep the default start menu folder and click next.
- 6. Select the option to create a desktop shortcut if desired and click next.
- 7. Select the option to run the GUDA, if desired, and click Finish to complete the installation Configuration

## Launch the GUDA Software

- 1. Launch the GUDA application from the desktop shortcut or from the Windows start menu.
- 2. The initial program screen loads:



Figure 1. Initial Program Screen

#### **Application Settings**

Click the gear icon in the upper right corner of the window to modify the default application settings (See Figure 2).

EVICE DISCOVERY OPTIONS	
Number of Columns in Device List Auto	•
isplay Name for Devices Device Name	-
Device Sort Field Device Name 🔹	
Write Delay (microseconds) 777	

Figure 2. Application Settings

#### **Device Discovery Options**

- Number of Columns in Device List—Auto/1-8
- Display Name for Devices—Device Name/Host Name/Host Name/Host Name, Device Name
- Device Sort Field—Device Name/HostName

#### **Firmware Update Control**

- Write Delay(microseconds)—777
- Write Method—Method #1/Method #2/Method #3/Method #4/Method #5

#### **Device Discovery**

- 1. Click the dropdown button next to SELECT NETWORK INTERFACE to select the network adapter for the discovery of devices on that network.
- 2. Click the refresh button next to the interface field to refresh the list of active network adapters to perform a network discovery for devices.
- 3. Use the drop-down list to select a different network if the HUBBCOM<sup>™</sup> devices are on a different network accessed through another network adapter.

4. Click the FIND DEVICES button to locate available HUBBCOM<sup>™</sup> devices.

Unconfigured devices appear with the factory default name: HUBBCOM-MAC-ADDRESS.

GAI-TRONICS L	INIVERSAL DEVICE APPLICATION	(VERSION: 1.4.0.0)		- • ×
DEVICES	CONFIGURATION	STATUS	GAI-TRONIC	S°
	Desktop Hubbcom		Handset Hubbcom	
	Handsfree Hubbcom		HUBBCOM-F8-DC-7A-16-64-56	
	Lobby			
	Select Network Inter	faceIntel(R) Ether	net Connection (5) 12 10.17.2.89 - O Find I	Devices Connect
5 devices found.				۲

Figure 3. Discovered Devices

#### **Device Access**

1. Double click the desired device to configure or select the desired device and click the CONNECT button.

The device login screen appears:

GAI-TRONICS	JNIVERSAL DEVICE APPLICA	TION (VERSION: 1.4.0.0)		_ = ×
DEVICES	CONFIGURATIO	N STATUS	GAI-TRO	)NICS 🚥
	Lobby	UAP-F8-DC-7A-16-64-56		
		Device Login UAP-F8-DC-7A-16-64-56		
		Password:	OGIN	
	Salaat Naturak	Interface Inter(0) Ethnored Courses	(6)12 10172 90	
	Select Network	Interface Intel(R) Ethernet Connect	ion (5) 12 10.17.2.89 *	Find Devices Connect
Attempting connectio	n with UAP-F8-DC-7A-16-64-56			•

Figure 4. Device Login

2. Enter the user ID and password and click the LOGIN button.

The default factory assigned username and password are:

- User Name: *gai-tronics*
- Password: *pageparty*

A prompt to change the default user name and password appear upon first login to each device.

3. Enter a new user name and password and click the CHANGE PASSWORD button.

The Unit Configuration tab is displayed:

## **HUBBCOM<sup>™</sup>** Configuration

## Unit

The UNIT CONFIGURATION screen appears upon accessing a HUBBCOM<sup>TM</sup> device. A vertical scroll bar will appear if the window is too long to fit in the available screen height (see <u>Figure 5</u>):

The Unit Configuration screen contains the following parameters:

- Model—This read-only field displays the model number of the currently connected HUBBCOM<sup>™</sup> device.
- Device Name—the default device name is HUBBCOM-MAC-ADDR. This field can be edited to provide a user-friendly recognizable name.
- Home Mode—the startup mode for the device. The options are:
  - Intercom
  - Phone
  - Web portal
  - None
- Number of Lines—1–4 is the number of simultaneous telephone connections that the unit can service.
- Show Clock—Yes/No
- External Speaker—Yes/No
- Orientation—Auto/Portrait (Right)/Portrait (Left)/Landscape (Normal)/Landscape (Inverted)
- Brightness—**High**/Mid/Low
- Screen Saver On—No\Yes
- Screen Saver Delay—the time in seconds before the screen saver starts when enabled. [15–3600] in 5-second steps (60 seconds)
- Activity Detect Contact—None/Local Out 1/Local Out 2/USB Out 1/USB Out 2
- Contact Active Times—
- Contact Active Times—
- Contact Active Times—
- Contact Active Times—

GAI-TRONICS UNIVERSA	L DEVICE APPLICATIO	N (VERSION: 1.4.0.0)	_ = ×
DEVICES CON	FIGURATION	STATUS	衛 GAI-TRONICS 📟 🍟
R&D 10	i comune		
✓ Unit Network	Unit		
<ul> <li>✓ Intercom</li> <li>✓ Streams</li> </ul>		Model	<u>GSC1100T</u>
Page Receive Page Transmi	t	Device Name	R&D 10
Mutual Provision	ning	Home Mode	Intercom ·
<ul> <li>Phone</li> <li>SIP Registrar 1</li> </ul>		Number of Lines	4 +
SIP Registrar 2 SIP Registrar 3		Show Clock	No
Contacts Point-to-Point		External Speaker	<u>No                                     </u>
Contacts Web Portal		Orientation	Auto
Video Activation		Brightness	High
		Screen Saver On	No *
		Screen Saver Delay	60 + -
		Activity Detect Contact	None
		Contact Active Times	
		Ring Tone	US Standard -
		Ringer Volume	4
		Handset Volume	0 + -
		Handsfree Volume	• + -
		Handsfree Mic Gain	0 +-
		Local Page Volume	0 +-
		External Speaker Volume	-24 +-
		Enable Tamper Detect	Yes
		Tamper Sensitvity	5 + -
		Tamper Detect Email	
		Local Settings Enabled	Yes
		Allow Demo Mode	No
		Allow Factory Reset	<u>No</u>
			LOGOUT ADMIN APPLY
Connected to R&D 10			



- Ring Tone—
  - US Standard
  - Double Low
  - Double High
  - Double Low High
  - Double High Low
  - Long-short low
  - Short-long low
  - Long-short high
  - Short-long high
- Ringer Volume—Low/1/2/3/4/5/6/High
- Handset Volume—12–0—12
- Handsfree Volume—-12--0-+12
- Handsfree Mic Gain—-12–0–+12
- Local Page Volume—-12-**0**-+12
- External Speaker Volume—0–36, **-24**
- Enable Tamper Detect—**Yes**/No
- Tamper Sensitivity—1–10, **5**
- Tamper Detect Email—SMTP email address to send tamper detect emails to
- Local Settings Enabled—Yes/No
- Allow Demo Mode—Yes/No (factory use only)
- Allow Factory Reset—Yes/No

### Network/WiFi

GAI-TRONICS UNIVERSAL DEVICE APPLICATION (VERSION: 1.4.0.0)					
DEVICES CONFIGU	JRATION	STATUS	🏽 GAI-TRONICS 📟		
HUBBCOM-F8-DC-7A-16-64-56					
<ul> <li>Unit</li> <li>Network Wifi Access Point</li> <li>Intercom</li> <li>Streams Page Receive Page Transmit Party Lines Mutual Provisioning Discovery Channel</li> <li>Phone</li> <li>SIP Registrar 1 SIP Registrar 2 SIP Registrar 3 Contacts Point-to-Point Web Portal Video Activation</li> </ul>	Network	Network Mode Address Mode Hostname Use IGMP Snooping VLAN NTP Server	Wired + AP - Static DHCP GTCDOCS Yes - 0 + -		
			LOGOUT ADMIN APPLY		
Connected to HUBBCOM-F8-DC-7A-16-64	-56		•		

Figure 6. Network Configuration Parameters

- Network Mode—
  - Wired
  - Wired + AP
- Address Mode—Static or DHCP
- Hostname—HUBBCOM-MAC-ID (default)
- Use IGMP Snooping—Yes/No
- NTP Server—network time protocol server IP address

#### WiFi Settings:

- SSID—Service Set Identifier—This is the name of the wireless network to connect to in wireless mode or the name of the access point when operating in WIRED + AP mode.
- WPA Passphrase—The password necessary to access the wireless network.

#### Intercom

GAI-TRONICS UNIVERSAL DEVI	CE APPLICATION (	VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIG	URATION	STATUS	GAI-TRONIC	
R&D 10				
R&D 10 • Unit Network • Intercom • Streams Page Receive Page Transmit Party Lines Mutual Provisioning Discovery Channel • Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 3 Contacts Point-to-Point Contacts Web Portal Video Activation	Intercom	Config Mode SP2 Group SP2 ID Page A Name Page B Name Page C Name Page D Name Page E Name	Standard     -       0     +       0     +       Zone 1     -       Zone 2     -       Zone 3     -       Zone 4     -	
			госонт	ADMIN APPLY
Connected to R&D 10				•

Figure 7. Intercom Settings

- Config Mode—Mutual/Standard
- SP2 Group—0–F
- SP2 ID—0–FF
- Page A Name—Zone 1
- Page B Name—Zone 2
- Page C Name—Zone 3
- Page D Name—Zone 4
- Page E Name—Zone 5

GAI-TRONICS UNIVERSAL DEVICES CONFIGU	CE APPLICATION	(VERSION: 1.4.0.0)	SAI-TRONIC	- □ × S° ⊡
R&D 10 • Unit Network • Intercom • Streams Page Receive Page Transmit Party Lines Mutual Provisioning Discovery Channel • Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 2 SIP Registrar 3 Contacts Point-to-Point Contacts Web Portal Video Activation	Streams	Audio TTL Page Timeout Party Timeout Speaker Mute Mutual Mute 1 Mutual Mute 2 Mutual Mute 3 Mutual Mute 3 Mutual Mute 5 Mutual Mute 5	8 + - 2 + - 8 + - Yes • • 00:00:00:00 00:00:00:00 00:00:00:00 00:00:00:00 00:00:00:00 00:00:00:00	ADMIN APPLY
Connected to R&D 10				•

#### Streams

Figure 8. Stream Parameters

- Audio TTL—**8**
- Page Timeout—2
- Party Timeout—8
- Speaker Mute—Yes
- Mutual Mute 1—enter the last four octets of the MAC address of the device that should mute this station's speaker when broadcasting a page from that station.
- Mutual Mute 2—enter the last four octets of the MAC address of the device that should mute this station's speaker when broadcasting a page from that station.
- Mutual Mute 3—enter the last four octets of the MAC address of the device that should mute this station's speaker when broadcasting a page from that station.
- Mutual Mute 4—enter the last four octets of the MAC address of the device that should mute this station's speaker when broadcasting a page from that station.
- Mutual Mute 5—enter the last four octets of the MAC address of the device that should mute this station's speaker when broadcasting a page from that station.
- Mutual Mute 6—enter the last four octets of the MAC address of the device that should mute this station's speaker when broadcasting a page from that station.

#### Page Receive

The default page receive sockets are provided below. These socket addresses can be changed, if necessary to configure separate page and party systems

GAI-TRONICS UNIVERSAL DEVI	ICE APPLICATION	(VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIG UAP-F8-DC-7A-16-64-56	URATION	STATUS	GAI-TRONIC	
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams</li> <li>Page Receive</li> <li>Page Transmit Party Lines</li> <li>Phone</li> <li>SIP Registrar 1</li> <li>SIP Registrar 2</li> <li>SIP Registrar 3</li> <li>Point-to-Point</li> <li>Web Portal</li> </ul>	Page Red	Ceive Page 1 RX Socket Page 2 RX Socket Page 3 RX Socket Page 4 RX Socket Page 6 RX Socket Page 7 RX Socket Page 8 RX Socket	239.1.1.1:50002 239.1.1.2:50002 239.1.1.3:50002 239.1.1.4:50002 239.1.1.5:50002 0.0.0.0:0 0.0.0.0:0 0.0.0.0:0 LOGOUT	ADMIN APPLY
Connected to UAP-F8-DC-7A-16-64-56				

Figure 9. Page Receive Parameters

- Page 1 RX Socket—239.1.1.1:50002
- Page 2 RX Socket—239.1.1.2:50002
- Page 3 RX Socket—239.1.1.3:50002
- Page 4 RX Socket—239.1.1.4:50002
- Page 5 RX Socket—239.1.1.5:50002
- Page 6 RX Socket—0.0.0.0
- Page 7 RX Socket—0.0.0.0
- Page 8 RX Socket—0.0.0.0

#### Page Transmit

The default page transmit sockets are provided below. These socket addresses can be changed, if necessary, to configure unique page and party systems.

GAI-TRONICS UNIVERSAL DEVI	ICE APPLICATION	(VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIG	URATION	STATUS	GAI-TRONIC	
UAP-F8-DC-7A-16-64-56				
✓ Unit Network	Page Tra	nsmit		
<ul> <li>Intercom</li> <li>Streams</li> </ul>		Page A TX Socket	239.1.1.1:50002	
Page Receive Page Transmit		Page A TX Defer	Yes	
Party Lines		Page B TX Socket	239.1.1.2:50002	
SIP Registrar 1 SIP Registrar 2		Page B TX Defer	Yes	
SIP Registrar 3 Point-to-Point		Page C TX Socket	239.1.1.3:50002	
web Portai		Page C TX Defer	Yes	
		Page D TX Socket	239.1.1.4:50002	
		Page D TX Defer	Yes	
		Page E TX Socket	239.1.1.5:50002	
		Page E TX Defer	Yes	
			LOGOUT	ADMIN APPLY
Connected to UAP-F8-DC-7A-16-64-56				



- Page A TX Socket—239.1.1.1:50002
- Page A TX Defer—**Yes**
- Page B TX Socket—239.1.1.2:50002
- Page B TX Defer—Yes
- Page C TX Socket—239.1.1.3:50002
- Page C TX Defer—Yes
- Page D TX Socket—239.1.1.4:50002
- Page D TX Defer—Yes
- Page E TX Socket—239.1.1.5:50002
- Page E TX Defer—**Yes**

#### **Party Lines**

The default party line sockets are provided below. These socket addresses can be changed, if necessary, to configure unique page and party systems.

GAI-TRONICS UNIVERSAL DEV	ICE APPLICATION	(VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIG UAP-F8-DC-7A-16-64-56	URATION	STATUS	GAI-TRONIC	S° 📖
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams Page Receive Page Transmit Party Lines</li> <li>Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 3 Point-to-Point Web Portal</li> </ul>	Party Lin	Party Line 1 Socket Party Line 2 Socket Party Line 3 Socket Party Line 4 Socket Party Line 5 Socket	239.1.0.1:50000 239.1.0.2:50000 239.1.0.3:50000 239.1.0.4:50000 239.1.0.5:50000	
			LOGOUT	ADMIN APPLY
Connected to UAP-F8-DC-7A-16-64-56				•



- Party Line 1 Socket—239.1.0.1:50000
- Party Line 2 Socket—239.1.0.2:50000
- Party Line 3 Socket—239.1.0.3:50000
- Party Line 4 Socket—239.1.0.4:50000
- Party Line 5 Socket—239.1.0.5:50000

### Mutual Provisioning ((All Settings Locked))

GAI-TRONICS UNIVERSAL DEVIC	E APPLICATION	(VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIGU	JRATION	STATUS	GAI-TRONIC	S° 🚥
GTCDOCS	Mutual F	Provisioning Provision Socket Masterlist Designation Mutual Provn TTL Encrypt Mutual	239.255.0.255:1000 0.01,0.02,0.03 FACTORY 8 + No	
Web Portal Video			LOGOUT	ADMIN APPLY

Figure 12. Mutual Provisioning Parameters

- Provision Socket—239.255.0.255:1000
- Master List—0.01,0.02,0.03
- Designation—FACTORY
- Mutual Provn TTL—8
- Encrypt Mutual—No

#### **Discovery Channel (All Settings Locked)**

GAI-TRONICS UNIVERSAL DEVIC	E APPLICATION (V	'ERSION: 1.4.0.0)		_ = ×
DEVICES CONFIGU	JRATION	STATUS	GAI-TRON	
<ul> <li>Unit <ul> <li>Network <ul> <li>Wifi</li> </ul> </li> <li>Intercom <ul> <li>Streams</li> <li>Page Receive</li> <li>Page Transmit</li> <li>Party Lines</li> <li>Mutual Provisioning</li> <li>Discovery Channel</li> </ul> </li> <li>Phone <ul> <li>SIP Registrar 1</li> <li>SIP Registrar 2</li> <li>SIP Registrar 3</li> <li>Contacts</li> <li>Point-to-Point</li> <li>Web Portal</li> <li>Video</li> </ul> </li> </ul></li></ul>	Discovery	Channel Discovery Socket	239.239.239.239:50000	
			LOG	OUT ADMIN APPLY
Connected to GTCDOCS				•

Figure 13. Discovery Channel Parameter

Discovery Socket—239.239.239.239:50000

### Phone

GAI-TRONICS UNIVERSAL DEV	ICE APPLICATION (VERSION: 1.4.0.0)	_ = ×
DEVICES CONFIG	URATION STATUS	🕷 GAI-TRONICS 📟
R&D 10		
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams Page Receive Page Transmit Party Lines Mutual Provisioning Discovery Channel</li> <li>Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 3 Contacts Point-to-Point Contacts Web Portal Video Activation</li> </ul>	Phone SIP ID/Account Extension SIP Port SIP Transport Voicemail Account Extension	6107965751 5060 + UDP ~
5723 devices found.		

Figure 14. Phone Parameters

- SIP ID/Account Extension—enter the telephone number that this device will service.
- SIP Port—5060
- SIP Transport—UDP/TCP
- Voicemail Account Extension—Enter the extension for the voice mailbox.

#### SIP Registrar 1

GAI-TRONICS UNIVERSAL DEV	ICE APPLICATION	(VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIG UAP-F8-DC-7A-16-64-56	URATION	STATUS	GAI-TRONIC	S HINNE
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams Page Receive Page Transmit Party Lines</li> <li>Phone</li> <li>SIP Registrar 1</li> <li>SIP Registrar 2</li> <li>SIP Registrar 3</li> <li>Point-to-Point Web Portal</li> </ul>	SIP Regi	Strar 1 Registrar Address Account Extension Account Password Reg Timeout (Sec) KeepAlive Interval	192.168.1.4 2440 password 605 + - 10 + -	ADMIN APPLY
Connected to UAP-F8-DC-7A-16-64-56				

Figure 15. SIP Registrar One Parameters

- Registrar Address—the IP address of the first SIP Server
- Account Extension—the telephone extension for this device.
- Account Password—password needed to access the voice account on the SIP server.
- Reg Timeout(Sec)—65–65535, **605**
- KeepAlive Interval—0–1000, 25

### SIP Registrar 2/SIP Registrar 3

The functionality for a second and third SIP server is not yet implemented.

GAI-TRONICS UNIVERSAL DEVI	ICE APPLICATION	(VERSION: 1.4.0.0)			_ = ×
DEVICES CONFIG	URATION	STATUS	🕷 GAI	-TRONICS	S° •••••••
UAP-F8-DC-7A-16-64-56					
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams</li> <li>Page Receive</li> <li>Page Transmit</li> <li>Party Lines</li> <li>Phone</li> <li>SIP Registrar 1</li> <li>SIP Registrar 2</li> <li>SIP Registrar 3</li> <li>Point-to-Point</li> <li>Web Portal</li> </ul>	SIP Regi	istrar 2 Registrar Address Account Extension Account Password Reg Timeout (Sec) KeepAlive Interval	605	+ -	
Connected to UAP-F8-DC-7A-16-64-56				LOGOUT	ADMIN APPLY
					<u> </u>

Figure 16. SIP Registrar Two Parameters (not implemented)

GAI-TRONICS UNIVERSAL DEVI	ICE APPLICATION (VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIG UAP-F8-DC-7A-16-64-56	URATION STATUS	GAI-TRONIC	S 📖
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams Page Receive Page Transmit Party Lines</li> <li>Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 3 Phonet-to-Point Web Portal</li> </ul>	SIP Registrar 3 Registrar Address Account Extension Account Password Reg Timeout (Sec) KeepAlive Interval	605 + 10 +	ADMIN APPLY
Connected to UAP-F8-DC-7A-16-64-56			•

Figure 17. SIP Registrar Three Parameters (not implemented)

GAI-TRONICS UNIVERSAL DEV	ICE APPLICATION (VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIG	URATION STATUS	GAI-TRONIC	S° 🕬
R&D 10			
<ul> <li>✓ Unit</li> <li>Network</li> <li>✓ Intercom</li> </ul>	Contacts	Van	
✓ Streams Page Receive Page Transmit	LDAP Base DN(search start)	dc=pbx,dc=com	
Mutual Provisioning Discovery Channel	LDAP PBX DN(subtree)	ou=pbx	
Phone     SIP Registrar 1     SIP Registrar 2	LDAP Root DN(admin user)	cn=admin	
SIP Registrar 3 Contacts Point-to-Point	LDAP Root Password	admin	
Video	Refresh Interval(minutes)	30 + -	
Activation	LDAP attrib: common name	CallerIDName	
		LOGOUT	ADMIN APPLY
7132 devices found.			•

#### Contacts

Figure 18. Contacts Parameters

- Allow Local Contacts—Yes/No
- LDAP Base DN(search start)—dc-pbx,dc=com
- LDAP PBX DN(subtree)—
- Use anonymous access—
- LDAP Root DN(admin user)—cn=admin
- LDAP Root Password—admin
- Refresh Interval(minutes)—10–3880, **30**
- LDAP attrib: accnt ID—AccountNumber
- LDAP attrib: common name—CallerIDName

## **Point-to-Point**

GAI-TRONICS UNIVERSAL DEVI	CE APPLICATION	(VERSION: 1.4.0.0)					= ×
DEVICES CONFIG	URATION	STATUS		GAI-TI	RONIC	S° 🔤	
R&D 10							
<ul> <li>✓ Unit</li> <li>Network</li> <li>✓ Intercom</li> <li>✓ Streams</li> <li>Page Receive</li> <li>Page Transmit</li> </ul>	Point-to-	Point System Name Entry Station	HUBBCOM				
Party Lines Mutual Provisioning Discovery Channel		Monitor Channel	75 5		+-		
<sup>4</sup> Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 3		Call Group					
Contacts Point-to-Point Contacts		Group Rollover Contact Rollover Contact	20 92				
Video Activation		Time to Rollover (Sec)	60		+ -		
		MAX Rollovers AUX1 Output	5 None		+-		
		AUX2 Output	None		÷		
					LOGOUT	ADMIN	APPLY
Connected to R&D 10							0

Figure 19. Point to Point Parameters

- System Name—HUBBCOM
- Entry Station—Yes/No
- Monitor Channel—0–255, **75**
- TTL—1–255, **5**
- Call Group—
- Group Rollover Contact—
- Rollover Contact—
- Time to Rollover (Sec)—18–600, **60**
- Max Rollovers—1–600, **5**
- Aux1 Output—None, Local Out 1, Local Out 2, USB Out 1, USB Out 2
- Aus2 Output—None, Local Out 1, Local Out 2, USB Out 1, USB Out 2

## Contacts

GAI-TRONICS U	NIVERSAL DEVIC	CE APPLICATION	(VERSION: 1.4.0.0)			- • >	۲
DEVICES	CONFIGU	JRATION	STATUS		GAI-TRONICS	HUMMILL	3
R&D 10							
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams Page Page Party Mutual Discove</li> <li>Phone SIP Reg SIP Reg SIP Reg SIP Reg Contact</li> <li>Point-to-P Contacts</li> <li>Web Porta Video Activation</li> </ul>	Receive Transmit Lines Provisioning ry Channel istrar 1 istrar 2 istrar 3 s Point	Contacts	Show Individual Contacts Show Entry Stations Show Hubbcom Groups Show Camera Contacts	Yes Yes No		AIN APPLY	
Connected to R&D 10						0	



- Show Individual Contacts—Yes/No
- Show Entry Stations—Yes/No
- Show HUBBCOM Groups—Yes/No
- Show Camera Contacts—Yes/No

GAI-TRONICS UNIVERSAL DEVICE	APPLICATION	(VERSION: 1.4.0.0)		_ = ×
DEVICES CONFIGUR	RATION	STATUS	GAI-TRONIC	S° ••••••
R&D 10				
<ul> <li>Unit Network</li> <li>Intercom</li> <li>Streams Page Receive Page Transmit Party Lines Mutual Provisioning Discovery Channel</li> <li>Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 3 Contacts Point-to-Point Contacts Web Portal Video Activation</li> </ul>	Web Port	tal Web Name 1 Remote Web URL 1 Web Name 2 Remote Web URL 2 Web Name 3 Remote Web URL 3 Default	Web URL 1     Web URL 2     Web URL 3	ADMIN APPLY
Connected to R&D 10				0

#### **Web Portal**

Figure 21. Web Portal Parameters

- Web Name 1—Enter the name of the first website accessible from this unit.
- Remote Web URL1—Enter the URL (Uniform Resource Locator) for the first website.
- Web Name 2— Enter the name of the second website accessible from this unit.
- Remote Web URL—Enter the URL (Uniform Resource Locator) for the first website.
- Web Name 1—Enter the name of the third website accessible from this unit.
- Remote Web URL1—Enter the URL (Uniform Resource Locator) for the first website.
- Default—Select the radio button for the default website to display: Web URL 1/Web URL 2/Web URL 3.

## Video

GAI-TRONICS UNIVERSAL DEVICE APPLICATION (VERSION: 1.4.0.0)							×
DEVICES CONFIG	URATION	STATUS		GAI-TRONIC	S 🖻		1
<ul> <li>Unit         <ul> <li>Network</li> <li>Wifi</li> <li>Intercom</li> <li>Streams</li> <li>Page Receive</li> <li>Page Transmit</li> <li>Party Lines</li> <li>Mutual Provisioning</li> <li>Discovery Channel</li> </ul> </li> <li>Phone         <ul> <li>SIP Registrar 1</li> <li>SIP Registrar 2</li> <li>SIP Registrar 3</li> <li>Contacts</li> <li>Point-to-Point</li> <li>Web Portal</li> <li>Video</li> <li>Activation</li> </ul> </li> </ul>	Video	Video Frames per Second Video Quality	30	+			
				LOGOUT	ADMIN	APPLY	2
Connected to GTCDOCS						C	)

Figure 22. Video Parameters

- Video Frames per Second—1–30
- Video Quality—1–100, **50**

## Activation

HUBBCOM<sup>TM</sup> devices are activated upon first bootup on the HUBBCOM device. This screen provides a method to change the activation key to change the functionality of the HUBBCOM<sup>TM</sup> unit.

GAI-TRONICS UNIVERSAL DEVI	CE APPLICATION (	VERSION: 1.4.0.0)	_ = ×
DEVICES CONFIG	URATION	STATUS	GAI-TRONICS 🚥
<ul> <li>Unit</li> <li>Network Wifi</li> <li>Intercom</li> <li>Streams Page Receive Page Transmit Party Lines Mutual Provisioning Discovery Channel</li> <li>Phone SIP Registrar 1 SIP Registrar 2 SIP Registrar 3 Contacts Point-to-Point Web Portal Video Activation</li> </ul>	Activation	Enter Activation Key	
of.			LOGOUT ADMIN APPLY
Connected to GTCDOCS			•

Figure 23. Product Activation Parameter

Enter Activation Key—Enter the key to activate the HUBBCOM<sup>™</sup> device.

## **Device Export/Import Settings**

Three buttons are located below the device settings tree structure on the left side of the window. Use these buttons to export and import device settings.



Figure 24. Export and Import Device Settings

- Export All Settings—Opens a Save-As dialog box to save the configuration as a JSON file
- Import Common Settings—Opens a File Open dialog box to open a JSON file containing the desired common settings.
- Import All Settings—Opens a File Open dialog box to browse for and open a JSON file containing all the configuration settings for the HUBBCOM<sup>™</sup> device.

## **Device Action Buttons**

Three buttons, located in the lower right corner of the window while connected to HUBBCOM<sup>™</sup> device, provide logout, administration, and apply settings functionality.



Figure 25. Device Action Buttons

- LOGOUT—Logs out of the currently connected HUBBCOM<sup>™</sup> device and displays the discovered devices screen.
- ADMIN—Click the ADMIN button to open a window with additional administrative action buttons:

<b>Device Administrator Options</b> Please be advised that these options could affect other users for this device.	
Reboot Device	Firmware Update

Figure 26. Device Administrator Options

- Change User Name/Password—A dialog box opens to enter the user name and a new password twice.
- Set Time/Time Zone—A dialog box opens with two pull-down list settings; REGION and LOCAL TIME ZONE.
- Reboot Device—Opens a confirmation prompt to reboot the device remotely. Click OK to reboot the device or CANCEL to exit back to the device configuration screens.
- Firmware Update—Opens the following dialog box:



Figure 27. Update Firmware Dialog Box

- Locate Firmware Update File...—Opens a file Open dialog box to search for and open the file containing the firmware update.
- Cancel—Cancel the firmware update and return to the device configuration screens.
- Begin Update—After selecting a file containing the desired firmware update, click this button to update the device.

## **HUBBCOM<sup>™</sup> Status**

Click STATUS at the top of the window while logged into a HUBBCOM<sup>™</sup> device to obtain the unit's status.

## Unit

- Release Version—The firmware release version for the HUBBCOM<sup>™</sup> device.
- IP Address—The currently assigned IP address.
- Netmask—The network mask for the subnet that the HUBBCOM<sup>™</sup> device is on.
- Default Gateway—The IP address of the router leading to the Internet.
- MAC Address—The hardware MAC (Media Access Control) Address of the HUBBCOM's network adapter
- Audio Stream Packet Received—Total number of audio packets received by this HUBBCOM<sup>™</sup> device.
- Audio Stream Lost Packets—The percentage of total packets sent to this HUBBCOM device that were dropped.
- Audio Stream Out of Order Packets—The percentage of packets sent to this HUBBCOM<sup>™</sup> device that were received out of order.
- Processor Core Temp—The temperature of the processor core.
- Reboot Needed—Yes/No, this statistic shows if changes have been made that are not yet applied because a reboot is necessary to implement the configuration updates.

## **PoE (Power over Ethernet)**

POE Active—Yes/No

POE+-Yes/No

## I/O

Input 1—Open/Closed, reports the state of input circuit one.

Input 2—Open/Closed, reports the state of input circuit two.

Output 1—Active/Idle—Provides the state for output one.

Output 2—Active/Idle—Provides the state for output two.

## **Firmware Versions**

The firmware versions with release dates are provide for each software module that runs on the HUBBCOM<sup>TM</sup> device.