

#### **ICE-008 IP PBX Training Overview**

This Quick Start Training will quickly take you through the necessary steps to set up your Ovislink ICE-008. For advanced configuration instructions please consult the IP PBX user manual.

➤ Note: For the user manual please download from our website <a href="http://www.ovislink.com">http://www.ovislink.com</a>





# Before you get started make sure you have the Following equipment:

- ➤ 1-ICE-008 IP PBX with 5 Volt Power Supply
- ➤ 1- Ethernet Switch/Hub
- Compatible PC to access web GUI (Windows Recommended)
- > Ready access to power and a UPS or surge protector



#### **Network Requirement**

- ➤ It is recommended a permanent Internet connection, such as that from a Leased Line, DSL, or Cable Modem, and assign a static IP address to ICE008.
- Make sure to open the following TCP and UDP ports:
- -- TCP/UDP ports 5060-5082 for SIP protocol.
- -- TCP/UDP ports 8000-20000 for RTP audio transport.
- A standard SMTP e-mail server with a valid e-mail account is required. In order for the e-mail notification of voice mail messages.



#### **Installing ICE008**

Connect your computer with ICE008 using a standard Ethernet (UTP CAT-5e) cable between your computer and the **LAN** jack on the ICE008 back panel.



Connect your power adaptor to the **DC 5V** jack on the back panel of ICE008. You should see the **Pwr** indicator at the front panel turned green immediately.





#### **Installing ICE008**

➤ Open the browser on your computer to <a href="ttp://192.168.0.1">ttp://192.168.0.1</a>

Login with

Username: admin

Password: admin

Click WAN Config under the System menu, Select the WAN Port Mode appropriate for your ICE008. Enter the Primary DNS, Secondary DNS, IP address, Subnet Mask, Default Gateway, etc., according to your network environment.



Information
WAN Config
LAN Config
Time Zone
SMTP Setting
Firewall Setting
Firmware Upgrade
Change Password

Logout

Information
WAN Config
LAN Config
Time Zone
SMTP Setting
Firewall Setting
Firmware Upgrade
Change Password

Logout Reboot

Call Report Backup/Restore

IP-PBX

#### **Installing ICE008**

	WAN Configuration
WAN Port Mode:	© Fixed IP ● DHCP © PPPoE
Primary DNS:	168 . 95 . 1 . 1
Secondary DNS:	168 . 95 . 192 . 1
AN Config example:	DHCP setup
AN Config example:	DHCP setup
N Config example:	
AN Config example:  WAN Port Mode:	DHCP setup
	DHCP setup  WAN Configuration
WAN Port Mode:	DHCP setup  WAN Configuration  Fixed IP ODHCP OPPPOE

168

168

. 95

. 95

Submit

. 1

. 1

192

**WAN Config example: Fixed IP setup** 

Primary DNS:

Secondary DNS:



# **Setting Up IP PBX**

- ☐ Setting Up Extensions
- ☐ Setting Up Ring Groups
- ☐ Setting Up IVR
- ☐ System Recordings
- ☐ General Setting



# **Setting Up Extensions**

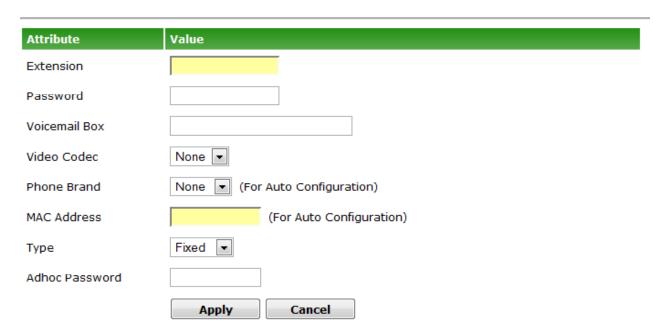
#### Extensions

Extension	Password	Online/Offline	Voice Mail	Phone Brand	Mac Address	Туре	Adhoc Password	Action
81	1234	Offline		None		Fixed		Edit
91	1234	Offline		None		Fixed		Edit
101	1234	Online		None		Fixed		Edit
102	1234	Online		None		Fixed		Edit
103	1234	Online		None		Fixed		Edit
			Add	Delet	e			

Click the **Extension** tab under the **IP PBX** menu.



#### **Setting Up Extensions**



Click the **Add** button if you want to create a new extension, or checkbox the extension you want to edit then click the **Edit** button.



#### **Setting Up Ring Groups**

Ring Groups				
	Name	Action		
	sales	Edit		
	Add	Delete		

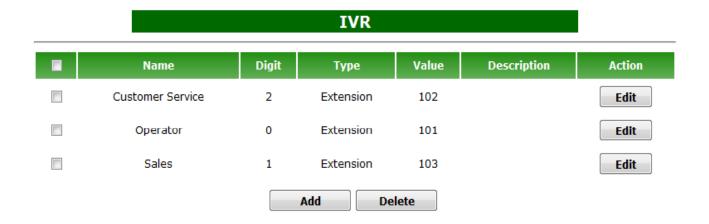
Click the **Ring Groups** tab under the **IP PBX** menu .



Click the **Add** button to create a new group, the **Edit** button to edit a group, or checkbox the group then click the **Delete** button to delete it.



# **Setting Up IVR**



Click IVR tab under the IP PBX menu



#### **Setting Up IVR**

	Edit IVR
Attribute	Value
Name	Customer Service
Digit	2 🔻
Destination	Extension 102
Destination	
Description	Also for tech support
	Apply Cancel

Click the **Add** button if you want to create a new IVR, or checkbox the IVR then click the **Delete** button if you want to delete it.



#### **System Recording**

#### Click the System Recordings button under IP PBX menu,

#### **System Recordings** IVR-1 Business Hour Greeting: \*01 IVR-2 Business Hour Greeting: \*02 IVR-3 Business Hour Greeting: \*03 IVR-1 Lunch Time Greeting: \*04 IVR-2 Lunch Time Greeting: \*05 IVR-3 Lunch Time Greeting: \*06 \*07 IVR-1 Non-Business Hour Greeting: IVR-2 Non-Business Hour Greeting: \*08 \*09 IVR-3 Non-Business Hour Greeting: \*20 No Answer Greeting: Busy Greeting: \*21 Offline Greeting: \*22 Recording Password is: 8512 If you want to change the Recording Password, enter and confirm 4-digit new password below New Password: Confirm New Password: Submit

If you want to restore all recordings to factory default, please press the button below

Restore



#### **System Recording**

- Record a System Greeting
- Pick up the phone set from any registered extension and dial the code for the greeting you want to record. Enter the default password as listed under **Recording Password** in this page, then follow the instruction to finish and save the recording.
- Change the Recording Password
  Enter the new password in the **New Password** field, then retype it in the **Confirm New Password** field to confirm it.
- Restore to System Default Greetings

  Click the **Restore** button and all systems greetings will be restored back to factory default.



# **General Setting**

Click the General Setting button under the IP PBX menu,

General Setting				
Call Limitation:	0 Minutes ( Submit	- I military (can immediately per day)		
SIP Listen Address: Business Hours: Lunch Break Hours:	All (Make sure the 108:30 To 17:30 To 13:30 Apply	08:30 To 17:30  12:30 To 13:30		
✓ Call Lir	✓ Call Limitation ✓ SIP Listen Address			
✓ Busines	✓ Business Hours ✓ Lunch Break Hours			



#### **Connecting To Outside**

- ☐ Setting Up SIP Trunks
- ☐ Setting Up Inbound Routs
- ☐ Setting Up Outbound Routs
- ☐ Setting Up PSTN Trunks



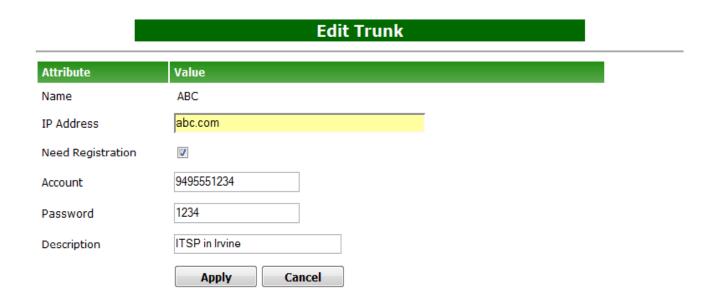
#### **Setting Up SIP Trunks**

#### Click **Trunks** under the **Inbound/Outbound** menu





#### **Setting Up SIP Trunks**



Click the **Add** button if you want to create a new trunk, or checkbox the trunk you want to edit then click the **Edit** button.



# **Setting Up Inbound Routes**

click **Inbound** under the **Inbound/Outbound** menu, and a screen similar to the following should appear:

Inbound Route						
	Name	Inbound Number	Туре	Value	Description	Action
	HT488 FXO	81	IVR	IVR-1	Grandstream FXO port	Edit
	9495551234	9495551234	IVR	IVR-1	Inbound to main number	Edit
			Add	Delet	e	



#### **Setting Up Inbound Routes**

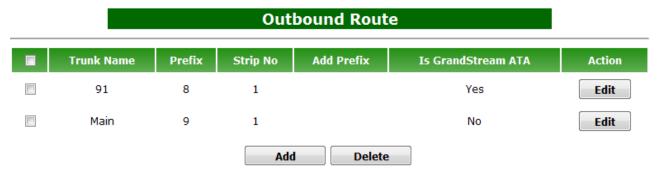
Edit Inbound Route				
Attribute	Value			
Name	9495551234			
Inbound Number	9495551234			
	● IVR IVR-1 ▼			
Destination	Extension 81 🔻			
	Ring Group sales ▼			
Description	Inbound to main number			
	Apply Cancel			

Click the **Add** button if you want to create a new inbound route, or checkbox the inbound route you want to edit then click the **Edit** button.



#### **Setting Up Outbound Routes**

Click **Outbound** under the **Inbound/Outbound** menu



Click the **Add** button if you want to create a new outbound route, or checkbox the outbound route you want to edit then click the **Edit** button.

# Attribute Trunk Name Main Grandstream ATA Prefix 9 Strip No 1 (Number of Leading Digits to Ignore) Add Prefix Apply Cancel



# **Setting Up PSTN Trunks**

• Set Up an Extension for a PSTN Gateway Device

#### **Edit Extension** Attribute Value 91 Extension 1234 Password Voicemail Box Video Codec None ▼ None (For Auto Configuration) Phone Brand (For Auto Configuration) MAC Address Fixed ▼ Type Adhoc Password Apply Cancel



#### **Setting Up PSTN Trunks**

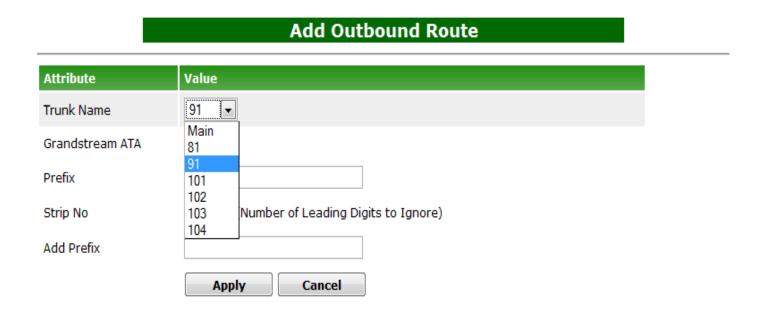
• Set Up an Inbound Route with a PSTN Trunk

# Attribute Name HT488 FXO Inbound Number In



# **Setting Up PSTN Trunks**

• Set Up an Outbound Route with a PSTN Trunk





# **Appendix A - Hardware Specifications**

CPU	Intel IXP420/266 MHz
SDRAM	128M
Flash	128M
Voice Compression	G729
Message Storage	2.5 Hours
WAN Port	10/100M RJ45
LAN Port	10/100M RJ45
Power	5V DC
Dimension	113 x 113 x 30 mm (4.4" x 4.4" x 1.2")
Weight	185g (0.4lb)



# **Appendix B - Feature Codes**

#### **❖** Call Forward

Call Forward Always Activate	*72
Call Forward Always Deactivate	*73
Call Forward Always Prompting Deactivate	*74
Call Forward Busy Activate	*90
Call Forward Busy Deactivate	*91
Call Forward Busy Prompting Deactivate	*92
Call Forward No Answer Activate	*52
Call Forward No Answer Deactivate	*53

#### Do-Not-Disturb (DND)

DND Activate	*78
DND Deactivate	*79

#### Core

Simulate Incoming Call to IVR-1	7777
Simulate Incoming Call to IVR-2	7778
Simulate Incoming Call to IVR-3	7779



#### **Appendix B - Feature Codes**

#### Voicemail

Dial Voicemail	*98
My Voicemail	*97

#### **❖** Info Service

Announce Your Extension Number	*65
Announce Time	*60

#### Call Function

Call Parking	#70
Call Back	*69
Call Pickup	*8
Adhoc User Login	*11
Adhoc User Logout	*12

#### **❖**Reserved Extensions

Call Parking	70
Simulate Incoming Call to IVR-1	7777
Simulate Incoming Call to IVR-1	7778
Simulate Incoming Call to IVR-1	7779