



GrandStream HandyTone286 Installation Guide

CONFIGURATION

These instructions are written against firmware version v1.1.0.31. As some prior versions have issues with NAT traversal it is recommend to first upgrade (see section on Firmware Updating below).

Begin by determining the device IP Address by either of the following methods:

- a) Use Internet Explorer to access your router's web interface and view the list of attached devices. The HandyTone286 does not have a Device Name however the displayed Mac Address can be matched to the MAC address printed on the bottom of the HandyTone286.
- b) Connect a standard two-wire Analog phone. Take the phone off-hook and dial '***' then press '02' when prompted. The IP Address will be dictated verbally by the device

Use the above Internet Explorer address to access the HandyTone286 web interface configuration pages. When prompted enter the default case sensitive password of 'Admin'.

Select the 'Advance Settings 1' URL to go to the Advanced Settings 1 page and configured the device as follows:

<i>SIP Server:</i>	<VCOM Virtual Matrix IP Address OR Domain Name> [NOTE: If the VCOM Virtual Matrix SIP IP Port has been changed from the default of 5060 the SIP Server Domain or IP address must include the IP Port (eg 208.109.209.117:5061)]
<i>SIP Proxy:</i>	<VCOM Virtual Matrix IP Address OR Domain Name>
<i>SIP User ID:</i>	<VCOM Client Login Name>
<i>SIP Authenticate ID:</i>	<VCOM Client Login Name >
<i>Authenticate Password</i>	< VCOM Client Login Password>
<i>Silence Suppression:</i>	[NOTE: N/a due to no applicable Codec supported]
<i>SIP Registration:</i>	Yes
<i>Unregister On Reboot:</i>	Yes
<i>Register Expiration:</i>	70
<i>Allow outgoing call w/o Registration:</i>	No
<i>Use Random Port:</i>	Yes

[Negates Local SIP/RTP port required with multiple SIP devices]



Offhook Auto-Dial:

**<VCOM Client Login Name>*

[NOTE: The '' is a required character. This field is required only if it is desired to establish the connection automatically when local device goes Off-Hook]*

If the device is behind an NAT router, then ensure the following entries are configured:

NAT Traversal

Yes

Stun Server Is:

<VCOM Virtual Matrix IP Address OR Domain Name>:5060

[NOTE: If the SIP IP Port has been changed from default then the address above must be adjusted appropriately.]

Once configured, "Update" the settings and "Reboot".

FIRMWARE UPDATING

To upgrade the firmware version, select the 'Advance Settings 2' URL to go to the Advanced Settings 2 page and change the following entries:

Firmware Upgrade Via:

TFTP

Firmware Server Path:

168.75.215.189

Automatic Upgrade:

Always Check for New Firmware

Once configured, "Update" the settings and "Reboot". After a successful update it is recommended to go back to the Advanced Settings 2 page and change the following entries:

Automatic Upgrade:

"Always skip the Firmware Check"

Once configured, "Update" the settings and "Reboot".