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**Analog IP Gateway Unicorn Gateway**

**Quick Installation Guide**

**Model:6004/8,6104/6108,6040/6080**

**Document Version Number: 1.0**



**Hanlong Technology Co., Ltd**

<http://www.hanlongtek.com>

## Analog IP Gateway Unicorn6xxx

### Quick Installation Guide

**WARNING:** Please DO NOT power cycle the phone during system boot up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.

**WARNING:** Use only the power adapter included in the Unicorn package. Using an alternative non-qualified power adapter may possibly damage the unit.

#### Overview

The Unicorn6xxx series offers superb audio quality, rich feature functionality, strong security protection, and good manageability. It is auto-configurable, remotely manageable and scalable.

The Unicorn6xxx features 4 or 8-port FXS, 4 or 8-port FXO, 2 port FXS and 2 port FXO, 4 port FXS and 4 port FXO interface for analog telephones, dual 10M/100Mbps network ports with integrated router, PSTN life line in case of power failure. In addition, it supports the option of 2 SIP Server profiles, caller ID for various countries/regions, T.38 fax, flexible dialing plans, comprehensive voice codec including G.711 (a/u-law), G.723.1, G.726(16/24/32/48 bit rates), G.729A/B/E.

#### Equipment Packaging - Unpack and check all accessories

1. One Unicorn6xxx device
2. One Universal Power Adaptor
3. One Ethernet Cable

#### Connect the Unicorn6xxx

*Please use the equipment included in the packaging. Using any other power source may damage the product.*

1. Connect standard touch-tone analog phones to the FXS1-FXS8 ports.
2. Insert the Ethernet cable into the WAN port of Unicorn6xxx and connect the other end of the Ethernet cable to an uplink port (a router or a modem, etc.).
3. Connect a PC to the LAN port of Unicorn6xxx for initial configuration or if it is being used as a router.
4. Plug the power adapter into the Unicorn6xxx and into a power outlet.
5. Using the Unicorn6xxx embedded web server or IVR (Interactive Voice Prompt) menu, you can further configure the device using either a static IP or DHCP.

Configuring the Unicorn6xxx using a Web Browser

1. From the analog phone, press \*\*\* to get into the IVR menu. Enter option 02 Unicorn6xxx to obtain the Unicorn6xxx's IP address.
2. For Unicorn6xxx, please enable the "WAN side HTTP/Telnet access" option by entering IVR option 12 and press 9. A reboot or power cycle of the device is required this change. You can also access the Unicorn6xxx's web configuration from a PC connected to the LAN port via 192.168.22.1.
3. Type the Unicorn6xxx's IP address in your PC browser.
4. Log in using password "admin" to configure the unit.

**You will need the following information to configure the GXW40xx via the web browser:**

1. IP address, subnet mask and gateway IP if using static IP.
2. SIP server and/or Outbound Proxy FQDN or IP address.
3. User subscriber information: User ID, Authentication IP, Password (provided by your VoIP service provider).
4. Unicorn6xxx supports "Plug-n-Call" if your ITSP (Internet Telephone Service Provider) provides this automatic provisioning service. Ensure the gateway has an Internet connection (either DHCP or static IP in your Internet ready network), then power up the gateway.
5. Please contact your ITSP for additional settings that may be necessary to configure the device.

**About Hanlong Technologies:**

Hanlong Technology Co.,Ltd is an award-winning designer and manufacturer of next generation IP voice products for broadband networks. Hanlong's products deliver superb sound, rich telephony features, full compliance with industry standards, and broad interoperability with most service providers and 3rd party SIP based VoIP products. Hanlong is consistently recognized in the VoIP industry for their innovation, affordability and superior value in their products. Hanlong is located in China, please visit [www.hanlongtek.com](http://www.hanlongtek.com).



**Declaration of Conformity for Unicorn Unicorn6xxx:**

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## DECLARATION OF CONFORMITY

The device submitted for testing at Bay Area Compliance Laboratories Corp. was found to be compliant with Part 15 of the FCC Rules and Regulations for Information Technology Equipment.

Operation of this product is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Supplier Information	
Model:	Unicorn6004/8
Responsible Party:	Nanling HanLong Technology CO., LTD
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EUT Certification Summary	
Equipment Class:	FCC Class B
Product Type:	VOIP Gateway
Report Number:	RSH09011251
Issuance Date:	2009-03-06
Tested by:	Bay Area Compliance Laboratories Corp. 1274 Anvilwood Ave., Sunnyvale, CA 94089 (USA) Phone: (408) 732-9162, Fax: (408) 732-9161 www.baclcorp.com

**Nanling HanLong Technology CO., LTD**

being the responsible party,

declare that the product

**Unicorn6004/8**

was tested to demonstrate compliance all applicable FCC Rules and regulations. The methods of testing were in accordance to the most current and accurate measurement standards possible. All necessary steps have been enforced to assure that all production units will continue to comply with the Federal Communications Commission's requirements.



\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

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