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**Unicorn Analog Telephone Adapter Quick Installation
Guide**

Model:2101,2002,2112

Document Version Number: 1.0



Hanlong Technology Co., Ltd

<http://www.hanlongtek.com>

Unicorn Analog Telephone Adapter

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

hanlong Unicorn Analog Telephone Adapters/IAD series offers a comprehensive line of affordable VoIP access devices based on Hanlong's innovative and proprietary technology platform. The Unicorn series offers the entry-level IP Telephony user superb audio quality, rich functionalities, interoperability with the leading 3rd party VoIP providers, and compatibility with most service providers. The Unicorn series is compact, works with any PSTN or cordless phone and fax machines and offers the simplicity of plug and dial, making it ideal for the basic IP telephony user.

Equipment Packaging

Unpack and check all accessories

1. One Unicorn Analog Telephone Adapter
2. One Universal Power Adaptor
3. One Ethernet Cable

Connect the Unicorn Analog Telephone Adapter

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

1. Connect a standard touch-tone analog telephone (or fax machine) to PHONE port (or PHONE1, PHONE2 port for Unicorn2002).
2. Connect a PSTN telephone line to LINE port (optional, applies to Unicorn2101/2112 only).
3. Insert the Ethernet cable into the WAN port of Unicorn ATA and connect the other end of the Ethernet cable to an uplink port (a router or a modem, etc.).
4. Connect a PC to the LAN port of Unicorn ATA.
5. Insert the power adapter into the HandyTone and connect it to an electrical outlet.
6. Using the Unicorn ATA embedded web server or IVR (Interactive Voice Prompt) menu, you can further configure the Unicorn ATA using either a static IP or DHCP.

Configuring the Unicorn ATA using a Web Browser

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Last updated on July 3, 2009

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

You will need the following information to configure the phone 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 ID, Password (provided by your VoIP service provider).
4. Unicorn ATA supports "Plug-n-Call" if your ITSP (Internet Telephony Service Provider) provides this automatic provisioning service. Ensure the Unicorn ATA has an internet connection (either DHCP or static IP in your internet ready network), then power up the Unicorn ATA.
5. Please contact your ITSP for additional settings that may be necessary to configure the Unicorn ATA.

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.



Declaration of Conformity for Unicorn ATAs:

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Last updated on July 3, 2009



Shenzhen BST Technology Co., Ltd.

Report No.: BTRE0906161112

TEST REPORT DECLARATION

Applicant	: NANJING HANLONG TECHNOLOGY CO.,LTD.
Address	: 2220, Block B, New Century Plaza, 1 Tai Ping Nan Road, Nanjing, China
EUT Description	: VOIP ANALOG TELEPHONE ADAPTER
Trade Name	: Unicorn
Model Number	: Unicorn2101, Unicorn2002, Unicorn2112

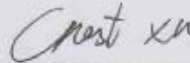
Test Standards:

EN 55022:2006+A1:2007, EN61000-3-2: 2006 & EN 61000-3-3:2008
EN 55024:1998+A1:2001+A2:2003
(EN 61000-4-2:1995+A2:2001, EN 61000-4-3:2006+A1:2008,
EN 61000-4-4:2004, EN 61000-4-5:2006,
EN 61000-4-6:2007, EN 61000-4-8:1993+A1:2001, EN 61000-4-11:2004)

The EUT described above is tested by BST Technology Co., Ltd. EMC Laboratory to determine the maximum emissions from the EUT and ensure the EUT to be compliance with the immunity requirements of the EUT. BST Technology Co., Ltd. EMC Laboratory is assumed full responsibility for the accuracy of the test results. Also, this report shows that the EUT technically complies with the 2004/108/EC directive and its amendment requirements.

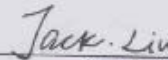
The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Prepared by :



Assistant

Reviewer :



Supervisor

Approved & Authorized Signer :



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Page 5 of 48



Shenzhen BST Technology Co., Ltd.

Report No.: BTFC0906165005

TEST REPORT DECLARATION

Applicant	: NANJING HANLONG TECHNOLOGY CO.,LTD.
Address	: 2220, Block B, New Century Plaza, 1 Tai Ping Nan Road, Nanjing, China
EUT Description	: VOIP ANALOG TELEPHONE ADAPTER
Trade Name	: Unicorn
Model Number	: Unicorn2101, Unicorn2002, Unicorn2112

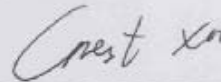
Test Standards:

FCC Part 15:2005

The EUT described above is tested by US to determine the maximum emission levels emanating from the EUT, the maximum emission levels are compared to the FCC Part 15 Subpart Class B limits. The measurement results are contained in this test report. and Shenzhen BST Technology Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT is to be technically compliant with the FCC requirements.

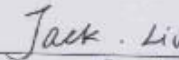
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Prepared by :



Assistant

Reviewer :



Supervisor

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