

AZOTEL S03-02 v100 (2013-06)

S03 – Quick Start Guides HIB-C Quick Start Guide



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1 Introduction

The purpose of this document is to provide a quick start guide to configuring an Azotel HIB-C gateway.

2 Quick Installation

2.1 Connect the HIB-C

- 1) Locate an optimum location in your network for the HIB-C.
- 2) Connect the included crossover Ethernet network cable to the LAN3 port of the HIB-C (fig. 2.1-1). Connect the other end of the network cable to a Laptop or a Desktop PC.

Note: Certain versions of the HIB-C hardware only contain two LAN ports – in this case connect the Ethernet network cable to the LAN1 port.



Fig. 2.1-1. Azotel HIB-C back panel

- 3) Connect the power adaptor to HIB-C's Power port. Only use the power adapter supplied with the HIB-C. Use of different adapter may result in product damage.
- 4) Press power button on front panel to power up HIB-C (fig. 2.1-2)



Fig. 2.1-2. Azotel HIB-C front panel

2.2 Setup the HIB-C

1) Setup following IP settings on your laptop's Ethernet interface:

IP address:	192.168.168.1
Subnet mask:	255.255.255.0

- 2) Open an Internet Browser e.g. Microsoft Explorer
- 3) Use http://192.168.168.168 as the URL address
- 4) Authentication box will appear. Use following credentials:

Username:	admin
Password:	operator



Fig. 2.2-1. HIB-C web interface authentication page

5) The HIB-C configuration screen should appear on your monitor. Fill in *HIB network settings* with the broadband feed details (*IP address, Mask length, Default gateway, DNS settings*).

HIB settings:				
HIB NUMBER WISPer IP	200 84.203.220.249			
VLAN ID				
HIB network settings	HIB IP address		172.16.1.3	/ 24
	HIB default gate		172.16.1.1	
	HIB DNS		8.8.8.8	
			8.8.4.4	
HIB Radius / UAM settings	Radius Server 1	10.6.200.1		
	Radius Server 2	10.6.200.1		
	Radius Secret	az0s3cr3t		
	Radius NAS ID	acme_acme_hs_1		
	UAM Server	https://est1.azotel.com/hotspot/login.pl		
	UAM Secret	testing123		
	UAM allowed hosts	84.203.220.249		
	UAM Home Page			
	Hotspot Clients IP Network	192.168	3.180.0/22	

Fig. 2.2-2. HIB-C web interface HIB settings page

6) Press *Save Settings* button then *Reboot*

2.3 Connect the HIB-C to Broadband

- 1) Connect LAN1 port to your internet feed (Leased Line, Fibre or Satellite backhaul etc.).
- 2) Connect LAN2 port to your customer/canopy network (switch, Canopy Networks, Mesh etc.).
- 3) Disconnect your Laptop/PC from LAN3 port as this port is not used at that point anymore.
- 4) Connect your laptop to switch or an SM on customer/canopy side of the network. Your equipment should obtain IP address automatically from DHCP server. The portal page will be presented on attempt to browse.

Annex A: References

- A.1 Document References
- A.2 Link References
 - [L1] <u>http://www.azotel.com/</u>

Annex B: Definitions and abbreviations

B.1 Definitions

B.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

WISPer Azotel's integrated Operators platform

Annex C: Change history

Change history									
Date	Author	Subject/Comment	Old	New					
14/05/09	gawl	Original	N/a	001					
17/Sep/09	sjs	Updated for 2 port hardware	001	002					
11/05/2012	klaudia	Updated screenshoot	002	003					
17/06/13	paul	Changed doc's title, copyright and correct year, doc num on all pages	003	100					