

SETUP GUIDE SNMP ALARM ADAPTOR COMPATIBLE WITH SIGMA, RADIAN, TPCMQ & BLUEstreak POWER SHELVES

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- 2. Your company's name and address
- 3. Your name and title
- 4. The reason for the contact
- 5. If there is a problem with product operation:
 - Is the problem intermittent or continuous?
 - What revision is the firmware?
 - What actions were being performed prior to the appearance of the problem?
 - What actions have been taken since the problem occurred?

l	REV	DESCRIPTION	CHK'd & APPR'd / DATE
	4	PCO# 45400	MM / 07-31-19

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SETUP GUIDE SNMP ALARM ADAPTOR

1.0 INTRODUCTION

These alarm adaptor modules plug directly into the 25 way D-Type signal connector at the rear of a Sigma, Radian or BLUEstreak Series power shelf and monitors the DC Good signal provided by each power module.

When an alarm condition occurs or clears the built-in processor sends an SNMP alarm trap to the monitoring host and optionally can send an email message.

The module also provides connections via spring clamp terminals to allow daisy-chaining of the share bus between multiple parallel connected shelves as well as remote sense connections.

The Ethernet connection is made via a standard RJ45 socket.

This setup guide details installation and the available functions of the Unipower SNMP alarm adaptor. The primary purpose of this module is to provide SNMP traps when an alarm condition occurs so that a remote monitoring station can be alerted. The adaptor may also be set up to provide alert e-mails. SNMP monitoring is best achieved by using third party management software such as HP Open view.

Setting up such software is beyond the scope of this Guide.



Figure 1 - SNMP Alarm Module



2.0 STANDARD FEATURES

- SNMP Alarm Traps
- Indicates DC Output Status for each Module
- Optional Email Alarms
- Daisy-chains Share Bus
- Provides Connections For Remote Sense
- Spring Clamp Connections (no tools)

3.0 WARRANTY (summary)

These adaptors are warranted for two (2) years from date of shipment against defects in material and workmanship. This warranty does not extend to products which have been opened, altered or repaired by persons other than persons authorized by the manufacturer or to products which become defective due to acts of God, negligence or the failure of customer to fully follow instructions with respect to installation, application or maintenance.

For a complete text of UNIPOWER's warranty conditions please request a copy from your local Sales Office.

4.0 UNPACKING AND INSPECTION

- **4.1** This unit was carefully tested, inspected and packaged for shipment from our factory. Upon receipt the unit should be carefully unpacked and inspected for any damage in shipment.
- **4.2** If there is evidence of damage, do not attempt to install the unit. The freight carrier should be notified immediately and a claim for the cost of the unit should be filed with the carrier for direct reimbursement. Be sure to include the model and serial number of the damaged unit in all correspondence with the freight carrier. Also save the shipping carton and packing material as evidence of damage for the freight carrier's inspection.
- **4.3** UNIPOWER LLC will cooperate fully in case of any shipping damage investigation.
- **4.4** Always save the packing materials for later use in shipping the unit. Never ship this unit without proper packing.



5.0 MODULE SPECIFICATIONS

The following specifications are typical at 25°C unless otherwise noted.

NETWORK INTERFACE

Standard	IEEE802.3
Physical Layer	
Mode	
Connector	RJ45, standard Ethernet connections
SNMP	Version 1

ENVIRONMENTAL

Operating Temp. Range	-40°C to +70°C
Humidity	
ESD	
MTBF, 35°C (Bellcore)	

PHYSICAL

Case Material	Steel
Dimensions, Inches (mm)	
	0.22 lbs. (0.1 kg.)

6.0 DESCRIPTION

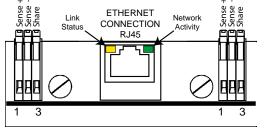


Figure 2 - Rear View

6.1 Indicators

The two indicators together indicate the status of the power module.

The left hand yellow LED indicates the link status and should normally be on. The right hand green LED indicates Network activity and should normally be flickering.

6.2 Spring Clamp Terminals

Two sets of connections for remote sense and share are provided to allow for multiple power shelves connected in parallel.

6.3 Ethernet

An RJ45 connector with standard pinout provides the connection to an Ethernet network.

7.0 INSTALLATION

The adaptor is plugged directly into the 25 way D-type connector on the rear of the frontend / rectifier power shelf. The two knurled screws must be properly tightened to ensure mechanical stability.

When the remote sense facility is being used with multiple shelves it is recommended that the sense terminals are linked between individual shelves and only one pair of remote leads connected to the remote sense point.

In the case of dual bus shelves where there are two separate D-type connectors two separate adaptors are required to monitor the complete power system.

In such cases it is essential that the remote sense and share connections are made to the loads and the same bus on additional shelves.

The maximum wire size that can be accepted by the spring clamp terminals is 22AWG.

IMPORTANT NOTE: WHEN USING THESE ADAPTORS WITH THE OR **BLUEstreak** POWER SHELVES THE POSITION OF THE D-TYPE CONNECTORS ON THE REAR IS SUCH THAT THE ADAPTOR WILL PROTRUDE SLIGHTLY ABOVE THE TOP OF THE SHELF WHEN INSTALLED. THE POWER SHELF SHOULD THEREFORE BE INSTALLED IN THE RACK SUCH THAT ANY UNIT IN THE POSITION IMMEDIATELY ABOVE HAS A DEPTH LESS THAN OR EQUAL TO THAT OF THE POWER SHELF OTHERWISE THE ADAPTOR WILL NOT FIT.

8.0 INITIAL SETUP

The module is intended to be connected to a local area network using ethernet. The module provides an RJ-45 socket for this purpose.

To assist in setting up the module initially, it is suggested that a crossover cable is used to connect directly between the module and a computer.

The module is initially set with the following network settings:

IP address:	192.168.0.200
Subnet mask:	255.255.255.0
Gateway:	0.0.00

A computer initially connected to the module must have it's IP address set in the range 192.168.0.x where x is 1 to 255 (not 200 though). The computers subnet mask must be set to 255.255.255.0.

It should then be possible to log in to the module using internet explorer or another web browser.

The rectifier shelf system should be powered up with the SNMP module connected to the 25-way connector on the rear of the shelf. You should see the yellow and green lights on the SNMP module flash a few times as it boots up.

To connect to the module, simply type the following into the browsers address bar:

http://192.168.0.200

The log in web page should appear. If it does not, please recheck your computer network settings and ensure that a crossover cable is used for direct connection.

9.0 WEB PAGES

9.1 Initial Log On

Ethernet Module Configuration and Management - Microsoft Internet Explorer	
File Edit View Favorites Tools Help	🥂
🔇 Back 🝷 🕥 - 🖹 😰 🚮 🔎 Search 🬟 Favorites 🤣 🔗 چ 😹	
Address 🧃 http://192.168.0.200/login.htm	🖌 🄁 Go 🛛 Links 🎽
Ethernet Module Configuration and Management	• Help
Login	
Welcome to the Configuration and Management interface of the Ethernet Module Username: admin Please specify the username and password to login to the web interface. Password: •••• See the User Guide and documentation for more information on logging in or retrieving a lost password. Login Copyright © 2008 Unipower Telecom. All rights reserved. s/v 103-1407-0010r4 www.unipowertelecom.com	

Figure 3 - Initial Log On Page

Type the following into the boxes as shown in figure 1 to log on:

Username: admin Password: 1234

Press the **Login** button.



9.2 Home Page

		rorites 🔗 🗟 - 💺 🖂 🦓	
iress 🍯 http://192.168.0.200/hom	e.htm		💙 🛃 Go 🛛 Link
a umpower	Ethernet M	odule Configuration and Management	
TELECOM	Ethernet Pr	outle configuration and Hanagement	
			😮 Help
lome	Home		
onfiguration	Getting Started		
Network Alarms	-	ure what to do next? This Tutorial can help.	
System	Tutorial Not 5	die what to do hext: hijs fatoliai cannep.	
Users	System Summary		
lanagement	Model:	Ethernet Module	
Connections		192.168.0.200	
dministration Update Firmware	MAC Address:	00:40:9D:27:43:9F	
Factory Default Settings	Description:	None	
System Information		Vone	
Reboot	Location:	None	
ogout			
	Device ID:	0000000-0000000-00409DFF-FF27439F	
	Copyright ©	2008 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com	

Figure 4 - Home Page

After successfully logging in, the module home page will be displayed. A menu is provided down the left hand side which allows access to various module set up features.

The home page displays some basic information about the adaptor including a description, contact details and location.

The tutorial link should not be used as it contains details of features not available in this module configuration.



9.3 Configuration – Network – IP Settings

😫 Ethernet Module Configuratio	n and Management - Microsoft Internet Explorer	
File Edit View Favorites Tools	Help	2
🕒 Back 🝷 🐑 - 💌 🛃 🄇	🏠 🔎 Search 🧙 Favorites 🤪 🎅 - 🌺 🤜 🦓	
Address 🍓 http://192.168.0.200/confi	g/network/network_config.htm	💙 予 Go 🛛 Links 🏾 🎽
	Ethernet Module Configuration and Management	
		😮 Help
Home	Network Configuration	
Configuration Network Alarms System Users Management Connections Administration Update Firmware Factory Default Settings System Information Reboot Logout	 IP Settings Obtain an IP address automatically using DHCP * Use the following IP address: IP Address: IP Address: ISE State State	
	Network Services Settings Advanced Network Settings Copyright © 2008 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com	

Figure 5 - Configuration - Network - IP Settings

The network configuration screen allows adjustment of basic network parameters (IP address, subnet mask and gateway). It will also allow the module to be configured to use DHCP.

A reboot will be necessary after changing any of these parameters.

Remember to redirect your browser to the new address and reconfigure the connecting computer if necessary.



9.4 Configuration – Network – Network Services Settings

Edit View Favorites Tools	Help				
Back 🝷 🚫 - 💌 💋 🍼	🖌 🔎 Search 🤺 Favorites 🛛 🔗 🍃 🍇				
ess 🕘 http://192.168.0.200/config/	network/network_services_config.htm			💌 🄁 Go	Links
	Ethernet Module Configuration	and Mar	iageme	nt	
me	Network Configuration				lelp
Alarms	IP Settings Network Services Settings				
System Jsers	Enable Device Discovery (ADDP)	UDP Port:	2362		
Inagement Connections	Enable Encrypted RealPort	TCP Port:	1027	Enable TCP Keep-Alive	
ministration	Enable Line Printer Daemon (LPD)	TCP Port:	515	Enable TCP Keep-Alive	
Update Firmware Factory Default Settings	Enable RealPort	TCP Port:	771	Enable TCP Keep-Alive	
System Information	Enable Remote Login (rlogin)	TCP Port:	513	Enable TCP Keep-Alive	
	Enable Remote Shell (rsh)	TCP Port:	514	Enable TCP Keep-Alive	
jout	Enable Network Management Protocol (SNMP)	UDP Port:	161		
	Enable Telnet Server	TCP Port:	23	📃 Enable TCP Keep-Alive	
	Enable Web Server (HTTP)	TCP Port:	80		
	Enable Secure Web Server (HTTPS)	TCP Port:	443		
	Apply				-

Figure 6 - Configuration - Network - Network Services Settings

The network service settings allow some of the network features to be enabled or disabled. It is recommended to only enable the following since other features are not supported by this module:

ADDP Device discovery Network management protocol (SNMP) Telnet server Web server (HTTP)



9.5 Configuration – Network – Advanced Network Settings

Ethernet Module Configuration	and Management - Microsoft Internet Explorer	le 🗙
File Edit View Favorites Tools	Help	-
🕝 Back 🝷 🕥 - 💌 😰 🦿	🏠 🔎 Search 👷 Favorites 🙆 - 🖕 🔜 🦓	
Address 🙋 http://192.168.0.200/config/	Inetwork/network_advanced_config.htm 🛛 🔽 🖸 Go	Links »
		^
	Ø ⊦	lelp
Home	Network Configuration	
Configuration	▶ IP Settings	
Network Alarms	Network Services Settinas	
System	▼ Advanced Network Settings	
Users Management Connections	The following settings are advanced settings used to fine tune the network connection and network interfaces. The default settings will typically work in most situations.	
Administration Update Firmware Factory Default Settings System Information Reboot Logout	IP Settings Host name: Enable AutoIP address assignment	
Logode	Ethernet Interface	
	Speed: Auto V Mode: Half-Duplex V	
	TCP Keep-Alive Settings	
	Idle Timeout: 2 hrs 0 secs Probe Interval: 75 secs Probe Count: 9 Image: Store extra byte in TCP Keep-Alive packets	
	Apply	-
e Done	Convidit @ 2008 Uningwar Talacom, All rights reserved, s/w 103-1407-0010r4	~

Figure 7 - Configuration - Network - Advanced Network Settings

The advanced network settings allow more precise adjustment of network parameters.

It is recommended that only advanced users adjust these parameters.



9.6 Configuration - Alarms Configuration

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TELECOM	Ether	net Moo	lule	Config	uration a	and Management		
Home				(Changes have	been saved successfully.		😮 Help
Configuration Network	Alarms	Configu	ration					
Alarms	Alarm No	tification Sel	ttings					
System Users	🗹 Enal	ole alarm no	tificatior	IS				
Management	Ma	il Server Ado	dress (S	MTP): 19	2.168.0.201			
Connections		From E-	Mail Ado	lress: sc	omeone@some	where.com		
Administration Update Firmware Factory Default Settings System Information Reboot	Apply Alarm Co	nditions						
ogout								
	Enable	Alarm	Туре	Trigger	SNMP Trap	Send To	Email Subject	
	~	Alarm 1	gpio	$1 \times \times \times \times$	enabled	somebody@somewhere.com	Module 1 DC Fault Acti	vated
		Alarm 2	gpio	× 1 × × ×	enabled	somebody@somewhere.com	Module 2 DC Fault Acti	vated
	V	Alarm 3	gpio	$\times \times 1 \times \times$	enabled	somebody@somewhere.com	Module 3 DC Fault Acti	vated
		Alarm 4	gpio	×××1×	enabled	someone@somewhere.com	Module 4 DC Fault Acti	vated
	~	Alarm 5	gpio	0 x x x x	enabled	someone@somewhere.com	Module 1 DC Fault Clea	ared
		Alarm 6	gpio	× O × × ×	enabled	someone@somewhere.com	Module 2 DC Fault Clea	ared
		Alarm 7	gpio	x x O x x	enabled	someone@somewhere.com	Module 3 DC Fault Clea	
		Alarm 8	gpio	×××0×	enabled	someone@somewhere.com	Module 4 DC Fault Clea	ared
		Alarm 9	gpio	* * * * *	disabled			
		Alarm 10	gpio	****	disabled			

Figure 7 - Configuration - Alarm Configuration (1)

The alarms configuration page shows some preset alarm conditions so that any failing power supply module will provide an alarm output. Alarm outputs will also be generated when faults are cleared. The check box at the top must always be checked as otherwise no alarm outputs will be generated from either SNMP or e-mail.

For the e-mail service, the mail server IP address must be entered into the relevant box. This box will only accept an IP address in numerical format.

Most mail servers will require a 'from' e-mail address before they will accept outgoing mail. This address must be entered in the box. This address must be valid on the mail server. Don't forget to press **Apply** after making changes.

To alter the e-mail address that alarms are sent to and to setup other parameters, click on the blue text in the second column of the alarm table. For each alarm a screen similar to that shown in figure 8 will appear.



 • • • • 	P 🛧 🥹 🗟 🗟 🗟	
		🕜 Help
Home	Alarm 1 Configuration	
Configuration Network	Alarm Conditions	
Alarms System	Send alarms based on GPIO pin states	
Users Management Connections	Pin 1: High 👻 Pin 2: Ignore 💙 Pin 3: Pin 4: Ignore 💙 Pin 5: Ignore 💙	Ignore 💌
Administration Update Firmware Factory Default Settings System Information Reboot	Alarm recurrence time: 10 secs Send reminders while GPIO pins remain in this state Every: 10 secs Send alarms based on serial data pattern matching Pattern: default	
	Alarm Destinations Send E-mail to the following receipients when alarm occurs To: somebody@somewhere.com CC: Priority: High ♥ Subject: Module 1 DC Fault Activated ✓ Send SNMP trap to following destination when alarm occurs Destination: 192.168.0.1 Apply Cancel	

Figure 8 - Configuration - Alarm Configuration (2)

The GPIO pin state combo boxes should not be altered as this will affect how the module creates alarms. If reminders at regular intervals are required for a continuing alarm condition, then this can be enabled using the check box. The repeat time in seconds can then be entered into the box.

If an e-mail is required to be sent for this condition, then the check box must be checked next to 'Send E-mail to the following recipients when alarm occurs'.

The text boxes can then be filled in with the relevant details.

Note that the e-mail subject is also used when SNMP traps are sent.

To enable an SNMP trap to be sent, make sure the check box is checked for that option.

Please press Apply when all changes are complete.



9.7 Configuration – System - System Configuration

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	Ethernet Module Configuration and Management	
		😮 Help
Home	System Configuration	
Configuration Network	▼ Device Identity Settings	
Alarms System	Description:	
Users	Contact:	
Management Connections	Location:	
Administration		
Update Firmware Factory Default Settings System Information	Apply	
Reboot	Simple Network Management Protocol (SNMP) Settings	
Logout		
	Copyright © 2008 Unipover Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipovertelecom.com	

Figure 9 - System - System Configuration (1)

This web page allows the user to enter some information about the site.

This information is present on the home page and can also be accessed when using SNMP.



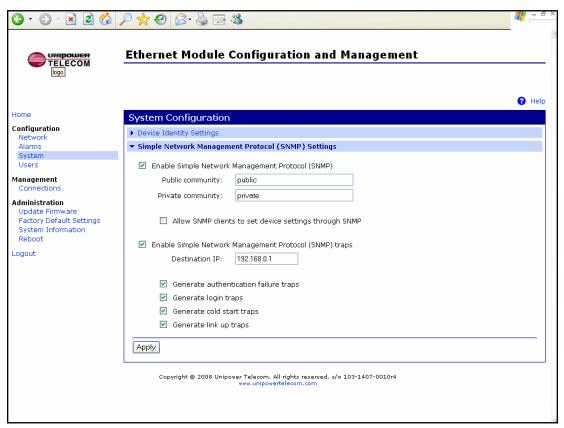


Figure 10 - System - System Configuration (2)

This web page allows the user to set up the SNMP. The community strings and trap destination can be set.

Additional traps can be configured to be sent if desired by checking the relevant boxes.

Please press Apply when changes have been completed.



9.8 Configuration – Users

G · O · 🗵 🖬 🏠		_ # _ # ×
TELECOM	Ethernet Module Configuration and Management	
Home		የ Help
Configuration	Users Configuration	
Network	▼ Users	
Alarms System	User Name Action	
Users	root Remove	
Management Connections	admin	
Administration Update Firmware Factory Default Settings System Information Reboot		
Logout		
	Copyright © 2008 Unipover Telecom. All rights reserved. s/v 103-1407-0010r4 vvv.unipovertelecom.com	

Figure 11 - Configuration - Users

This page displays the possible user log in names.

The root user MUST NOT be removed as it may be required for factory configuration.

It is not recommended to change any admin user settings as access to some of the menus may become impossible.



9.9 Management – Connections

🗲 🔊 - 💽 💰	P 🛨 🎯 🔗 🍓 🖻 🦓	# - 4
	Ethernet Module Configuration and Management	
		Hel
ome	Connections Management	
nfiguration Network	Active System Connections	
larms	Connected From Connected To Protocol Sessions	
Gystem Jsers	192.168.0.1 webui http 0	
nagement	Refresh	
Connections		
ministration Jpdate Firmware Factory Default Settings System Information Reboot		
gout		
	Copyright © 2008 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com	

Figure 12 - Management - Connections

This page shows any active connections. No changes are possible on this screen.



9.10 Administration – Update Firmware

G · O · 🖹 🗟 🏠	P 🛠 🥹 🗟 · 🍓 🗟 🖏	
	Ethernet Module Configuration and Management	
Home	Update Firmware	😮 Help
Configuration Network Alarms System Users	Caution: You have asked to update the firmware on your Ethernet Module. When updating the firmware the support site and release notes for more information to determine if this device must update the POS updating the firmware.	e, please check T before
Management Connections Administration	Model: Ethernet Module Firmware: 1.9.0 (Version 82000856_F1.03/17/2005) POST: 1.1.2 (release_82000867_C)	
Update Firmware Factory Default Settings System Information Reboot	Select Firmware Select Firmware: Browse Browse	
Logout	Update	
	Copyright © 2008 Unipower Telecom. All rights reserved. s/v 103-1407-0010r4 www.unipowertelecom.com	

Figure 13 - Administration - Update Firmware

This page allows the updating of the core module firmware.

It is not recommended to do this unless it has been advised by UNIPOWER. If so then the necessary files will be provided.



9.11 Administration – Factory Default Settings

	P 🛧 😌 🗟 • 😓 🗟
	Ethernet Module Configuration and Management
logo	Help
Home	Factory Default Settings
Configuration Network Alarms System	Caution: Restoring the factory default settings will clear all current settings and automatically reboot the Ethernet Module.
Users	✓ Keep network settings
Management Connections	
Administration Update Firmware Factory Default Settings System Information Reboot Logout	Restore
	Copyright © 2008 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com

Figure 14 - Administration - Factory Default Settings

This page allows the user to revert to the default settings of the module as supplied by UNIPOWER.

9.12 Administration – System Information - General

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A UMIPOWER	Ethernet Mod	ule Configuration and Management	
TELECOM			
			🕜 Help
ime	System Informa	tion	
onfiguration Network	▼ General		
Alarms	Model:	Ethernet Module	
System	Model: MAC Address:	00:40:9D:27:43:9F	
Jsers	Firmware Version:	1.9.0 (Version 82000856_F1 03/17/2005)	
anagement	Boot Version:	0.0.0.1 (release_82000866_C)	
Connections	POST Version:	1.1.2 (release_82000867_C)	
ministration			
Jpdate Firmware	CPU Utilization:	57%	
actory Default Settings	Up Time:	18 minutes 41 seconds	
System Information	Total Memory:	8192 KB	
Reboot	Used Memory:	5431 KB	
gout	Free Memory:	2760 KB	
	Refresh		
	► GPIO		
	▶ Serial		
	Network		

Figure 15 - Administration – System Information - General

This web page shows basic information about the module system.

9.13 Administration – System Information – GPIO

() • () • 💌 🗟 🏠	P 🛠 🥹 🗟 😼 😹	🦉 – 8 ×
TELECOM	Ethernet Module Configuration and Management	
Home	System Information	🕜 Help
Configuration	General	
Network Alarms	▼ GPIO	
System Users	General Purpose I/O (GPIO) pins can be asserted or de-asserted if they are configured as output.	
Management Connections	Asserted De-asserted	
Administration	Pin 1: O	
Update Firmware	Pin 2: 🔿 💿	
Factory Default Settings System Information	Pin 3: 🔿 💿	
Reboot	Pin 4: O	
Logout	Pin 5: 💿 🔿	
	Set Pins Refresh	
	▶ Serial	
	Network	
	Copyright © 2009 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com	

Figure 16 - Administration – System Information – GPIO

The GPIO page shows the state of the monitored inputs. Each pin corresponds to a DCOK signal from a power supply module. In TPCP/TPCM and similar products where three power modules are monitored, then the first three pins will be used for modules 1 to 3 as viewed from the front of the shelf. When a module is working correctly, the pin will show as De-asserted. For modules that are faulty or are not present, the pin will show as Asserted.

9.14 Administration – System Information – Serial

<section-header> Control Second Control Control Second Control</section-header>	- 8
Adams System Information Network General Genera General	
Configuration General Serial Serial General General General Serial General General Serial General General Serial General General General Serial General General General General General Serial General Genera	Help
Network Alarms System Users Hanagement Connections Description Profile Serial Configuration Port Description Profile Serial Configuration Port 1 None <unassigned> 9600 BN1 Network Port Description Profile Serial Configuration Port 1 None <unassigned> 9600 BN1 Network Network System Information Reboot oggout Copyright © 2008 Unipover Telecom. All rights reserved. s/v 103-1407-0010r4</unassigned></unassigned>	
System Users anagement Connections dministration Update Firmware Factory Default Settings System Information Reboot agout Copyright © 2008 Unipower Telecom. All rights reserved. s/v 103-1407-0010r4	
Port Description Profile Serial Configuration Port 1 None <unassigned> 9600 8N1 Iministration Update Firmware Factory Default Settings System Information Reboot Network</unassigned>	
analysis Connections Port 1 None Administration Update Firmware Factory Default Settings System Information Reboot ogout	
Aministration Update Firmware Factory Default Settings System Information Reboot ogout Copyright © 2009 Unipower Telecom. All rights reserved. s/v 103-1407-0010r4	
Update Firmware Factory Default Settings System Information Reboot ogout	

Figure 17 - Administration – System Information – Serial

This page shows the status of the serial port within the module.

This port is not available for external use and no changes should be made.

9.15 Administration – System Information – Network

🔇 • 🔘 · 🖹 🖻 🏠		- # ×
	Ethernet Module Configuration and Management	
		😗 Help
Home	System Information	
Configuration Network	▶ General	
Alarms	▶ GPIO	
System Users	▼ Serial	
Management	Port Description Profile Serial Configuration	
Connections	Port 1 None <unassigned> 9600 8N1</unassigned>	
Administration Update Firmware Factory Default Settings System Information Reboot Logout	▶ Network	
	Copyright © 2008 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com	

Figure 18 - Administration – System Information – Network

This web page shows statistics about the network connection to the module.

This data is also available through the SNMP.



9.16 Administration – Reboot

	Ethernet Module Configuration and Management
TELECOM	
	0 +
ime	Reboot
nfiguration Network Alarms System Users	The reboot process will take approximately 1 minute to complete. Click Reboot now to reboot the Ethernet Module.
anagement Connections	
dministration Update Firmware Factory Default Settings System Information Reboot	
ogout	Copyright © 2008 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com

Figure 19 - Administration – Reboot

This page is used to reboot the module.

This can be done if some changes have been made that require it.



9.17 Log out

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		_	
	Ethernet Module Configuration and Management		
TELECOM			
	Help		
Logout			
	You have been logged out. To log back in click here.		
	To finish logging out of the Web Server and prevent access by other users, you must close this browser.		
Copyright © 2008 Unipower Telecom. All rights reserved. s/w 103-1407-0010r4 www.unipowertelecom.com			

Figure 20 - Log out

The page shown in figure 20 will be displayed when the user has successfully logged out.



9.18 Further SNMP information

The SNMP adaptor supports SNMP version 1.

The following MIBs should be used with the SNMP adaptor:

RFC1213, MIB-II	Network Statistics
RFCs 1316, 1317	Port Statistics
DIGI-SMI	Enterprise MIB
DIGI-DEVICE-INFO-MIB	Enterprise MIB
DIGI-SERIAL-ALARM-TRAPS-MIB	Enterprise MIB

For more information on the statistics available through the standard RFCs listed above, refer to the RFCs available on the IETF web site (<u>www.ietf.org</u>). For enterprise MIBs, refer to the description fields in the MIB text.

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