

Installation and Configuration Guide

### 1. Preparation

1.1. UPS SNMP IPv6 Card.



1.2. The new RJ45 to DB9 console cable with USB port.



- 1.3. USB Modem with SIM card: BandLuxe C120, ZTE MF637, HUAWEI E176G, E1750, E180, (E3131).
- 1.4. UPS SNMP IPv6 card for UPS firmware greater or equal to v01.12.17b.Download the UPS firmware of SNMP IPv6 card from <a href="http://59.125.232.140">http://59.125.232.140</a>

### 2. Hardware Install

- 2.1. Insert the SNMP IPv6 card in an UPS.
- 2.2. Connect the network cable to the RJ45 network port.
- 2.3. Connect the USB console cable to the RJ45 console port.
- 2.4. Plug the USB Modem to the USB port on the USB console cable.



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2.5. Press the reset button on the SNMP IPv6 card to restart the system. (Please note that, each time the USB modem is connected you have to reset the card.)

### 3. SNMP IPv6 Card Firmware Upgrade

3.1. Run the **EzSetting.exe** utility which is included in the downloaded firmware package, select the network from the LAN option.



- 3.2. Press the **Discover** button to search the card in the LAN.
- 3.3. Select the found card, press the **Modify** button to key in the account and password.



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2	Press "Discover" button to search all of the SNMP devices in the LAN.							LAN	
								10.0.10.123 -	
	Then select one before to do that	Subnet:							
-	Configuration it is used to active the TD address astronatic sample on disability						10.0.10.0 IPv4 Mask / IPv6 Prefix length		
	networking services								
	"Upgrade" button is used to load the device firmware file then transmit it to							255,255,255.0	
	the single select	ed device. (Ignore	the checkbox	()					
evice	List								
IP Ad	Idress	Host Name	Account	Password	Version	Model/Product		<u>A</u> dd	
01	10.000.010.171	INSIGHTPOW		2222222	01.12.10	EMS2000		Add an new item of SNMP device	
01	10.000.010.105	INSIGHTPOW	admin	*****	01.12.12	GES302N1000		to the Device List manually.	
01	10.000.010.170	INSIGHTPOW		????????	01.12.11	EMS2000	н		
01	10.000.010.188	Schneider		25255555	1.0	PVSNVC5000S		Modify	
17	72.16.188.90	MCIS-SW-2012		2222222	1.07	EMS3000		Set the account and password	
17	72.16.188.80	UPS-FW-IDC		????????	1.07	EMS3000		for the selected device.	
-	92.168.178.1	UPS-FW-IDC		2222222	1.07	EMS3000		Remove	
19	0.0.10.103	UPS-FW-IDC		????????	1.07	EMS3000	-	Remove the selected device	
	0.0.10.105								

3.4. Press the **Upgrade** button and load the v01.12.13 version firmware file.

Select Firmware File	
Firmware File Name:	Browse
D:\TRI\Embeded_Linu	x\ST\workspace\release\UPS
File Information:	
The second se	12 13
Product: ups, Ver: 01	12.15

- 3.5. Press the **Upgrade Now** button to upgrade the card firmware.
- 3.6. Please wait about 1 minute and check the LEDs of the card.

### 4. Configuration

- 4.1. Run a web browser and login to the card.
- 4.2. Goes to System -> Notification -> SMS web page. If the COM Port list is empty then it means the card can not recognize the USB modem.

- () (http://1	0.0.10.10	5/home.asp	・ c × ● InsightPower SNMP IPv6 f	_ ×	- <b>□ ×</b>
	A The	power behind competitive	InsightPower SNMP IPv6 for	Home 🛄 Logou UPS Web System Time : Thu 05/30	
Monitor	Device	System		aystem time . The outo	12013 AM 02.12.2
Administration		Notification			
SNMP Access	0	System » Notification	» SMS		
SNMPv3 USM	0	SMS Configu	ration		
SNMP Trap	0				
Mail Server	0		COM Port: //dew/ttyUSE2 - Baud Rate: 115200		
Wake On LAN	0		Submit		
SMS	0		Mobile Phone List		
			Mobile Phone: 0000000000 Event Level: None • Add Test SMS		
			Mobile Phone	Event Level	- 1
		1	000000000	None	
	1		m		,

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4.3. Please set the baud rate to 115200 but different model need to select different COM Port as the following: BandLuxe C120: /dev/ttyUSB0
ZTE MF637: /dev/ttyUSB2
HUAWEI E176G: /dev/ttyUSB1
HUAWEI E1750: /dev/ttyUSB2

(HUAWEI E3131): /dev/ttyUSB3

- () (http://10	0.0.10.10	5/home.asp	・ ♂ × ● InsightPower	SNMP IPv6 f ×		× □ -× ◎☆ ŵ
	A The	power behind competitive	InsightPower SNMP	IPv6 for UPS Web	🚹 Home 🛄 Logout	English 🔻
Monitor	Device	System			System Time . Thu obion	2013 AM 02.12.2
Administration	1 1	lotification				
SNMP Access	0	System » Notification	» SMS			
SNMPv3 USM	0	► SMS Configu	iration			
INMP Trap	0					
lail Server	0		COM Port /dev/ttyUSB2  Baud Rate: /dev/ttyUSB0 /dev/ttyUSB1			
Wake On LAN	0		/dev/ttyUSB2	ubmit		
SMS	0		Mobile	Phone List		
			Mobile Phone: 0000000000			
			Event Level: None -	Test SMS		
		-	Mobile Phone	1	Event Level	
		1	000000000		None	
		-				
			III			

4.4. Key in the mobile phone number and select the Event Level then press the **Add** button. You can add up to **16** mobile phone numbers.

Second		and an and a second second		System Time : Thu 05/30/201	3 AM 02:22:43
Monitor	Device	System			
Administration		otification System » Notificatio	n » SMS		
NMPv3 USM	0	SMS Config	uration		
NMP Trap	0				
ail Server	0		COM Port: /dev/ttyUSB2 -		
ake On LAN	0		Baud Rate: 115200		
are on LAN	-		ousinit		-
MS	0		Mobile Phone Li	st	
			Mobile Phone: 0939371713	7	
			Event Level: Warning 👻		
	- 1		Add Update Delete	Test SMS	
	- 1	1	Mobile Phone	Event Level	_
		1	0939371713	Warning	
		2	0972635241	Alarm	

#### 4.5. Press the **Test SMS** button to send the test message to the assigned mobile

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