

Network Management

Card

~Quick Installation Guide~

Network Management Card Hardware Installation:

- 1. Insert Card into the slot provided by UPS, put the screws and tighten them.
- 2. Procure a workstation (Windows 9x, Me, 2000, XP or later installed).
- Use the RJ45 to DB9 female serial cable that provided from package connects between the NMC COM port and the COM port on the workstation.



Configuring Network Management Card via Serial Port

1. In Microsoft Windows click Start ->

Programs -> Accessories -> Hyper terminal.

My Computer My Briefcase				
Relivork, Neighborhood Communicator				
MS MS		😋 AT&T Mail	📻 Hyperterminal 🔹 🕨	
		🧱 CompuServe	📻 Multimedia 🔹 🕨	
Inbox DOS		NgperTerminal	🚾 Calculator	
E Destaur	📾 Accessories	📢 HyperTerminal BBS	🕼 Character Map	
Ling and	📻 Startup	🔤 MCI Mai	🏐 Chat	
📄 🚞 Documents 🔹 🕨	Sommand Promot	🛃 Microsoft BBS	Clipboard Viewer	
🖪 📴 Settinos 🕨	🔊 Windows NT Expl	🔄 USHA	🔀 Clock	
5			🐞 BiałUp Networking	
👳 🔩 End 🔹 🔸	Administrative Too	(s (Common)	🛃 Imaging	
🗧 🛷 Help	Adobe Acrobat	•	🥏 Notepad	
	Microsoft Visual J+	+1.0	🅙 Object Packager	
👌 遭 Bun	S Netscape Commu	vicator Professional Edition 🔹	🧩 Paint	
	J Starlup	,	💦 Phone Dialer	
Shut Down			🛃 Telnet	
Start			🎯 WordPad	10.26 AM

2. Enter a name and click OK.



3. Select the correct COM port and click OK.



4. Configure the port setting as 9600 bps, 8 data bits, None (parity), 1 Stop bit and None Flow Control. Then click OK.

COM1 Properties Port Settings	?
<u>B</u> its per second:	9600 🗸
<u>D</u> ata bits:	8
Parity:	None
<u>S</u> top bits:	1
Elow control:	None
	<u>Restore Defaults</u>
	K Cancel Apply

5. Enter the default password "password" and the Network Management Card Configuration

Menu will display on the screen.

Password:*******_

6. Enter "1" to enter the Agent Configuration Menu.

NMC Version 0.0.0.8

Network Management Card Configure Menu	
 IP Configurations HTTP Configurations Access Control Table SNMPv3 USM Table Trap Receiver Table Pass Through Reset Configuration to default Restart Password Exit 	Ŧ

Please Enter Your Choice -> 1_

7. Assign an IP address and set the correct Subnet Mask; Gateway; DHCP.

+-	IP Configure Menu
+=	SN : 000000000 MAC Address : 00:40:9D:43:35:98 1. IP address : 172.18.127.45 2. Subnet mask : 255.255.255.0 3. Gateway : 172.18.127.1 4. DHCP : Enabled 5. Primary DNS address : ::FFFF:172.18.121.17 6. secondary DNS address : ::FFFF:151.110.232.21 7. IPv6 Configure ::Deture to converse
	0. Return to previous menu

Please Enter Your Choice :

Control the Network Management Card/UPS via Web Browser

Start your Web Browser; enter the Network Management Card IP address in the Address text box, the Network Management Card Web page will be shown on the Browser.

Some setting pages need to enter the user name and password to log in. The default user name is "root" and default password is "password".

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3 Bock. * () - 💌 🖻 🏠	NETWORK MANA	· 🖵 🏛			
(3)**** 🐑 herp://172.18.127.388/	NETWORK MANA			V Pla	
	NETWORK MANA				Link
	NETWORK MANAG		Opline		
		SEMENT CARD FOR UPS	Location: 15/06/2011 14:05:20		
IPS Monitoring U	PS Monitoring » UPS Status			help	
UPS Status	UPS Status	Stand By			
UPS Alarm	Innut				
UPS Parameters	William	228.1 V			
UPS Powered Devices	Engineeros	50.0 Hz			
UPS Identification	Output	00016			
PS Management	(and/b)	0			
UPS Battery Test	L030(%)	0			
UPS Battery Test Schedule	tuisye	0.0 V			
SNMP TRAP Receivers	requercy	0.0 Hz			
UPS Configuration	Current	1.0A			
UPS Control	Viad	0.44			
UPS Shufdown	Battery				
Shutdown Schedule	Status	Battery Failure			
ettings	Capacity	0			
NBC System	Voltage	33.2 V			
Case and time	Temperature	39.0 °C			
Senary Josef False	Seconds On Battery	0.5			
Film Management	Backup Time	0.9			
The Handpentern	NOTICE				
IPS Log	UPS Next Off Time				
DentLos	UPS Ned On Time				
Sectors Log					

EMP Connection(optional)

The Environment Monitor Probe is a NMC option. It monitors he temperature and humidity of the UPS environment, and check the states of two external contacts. It can also send alarms (email, trap) by pre-set thresholds.

Connection is made via the setting port on the NMC, the EMP is detected automatically. Configuration could be made via UPS configuration menu.



	N	ETWORK MANAGEMENT C	ARD FOR UPS	Online	
	_			15/06/2	011 14:09:17
PS Monitoring	OPS Management OF	PS Configuration			help
UPS Status	UPS				
UPS AMERI	Over Load Bet Point(%)		90		
In the asset of a	Over Temperature Set Point	nt(°C)	50		
The second s	Save				
or sidenini, and					
IES Dattack Test	EMP	Auto 💌			
IDS Dattery Test Scholule	Sensor	Description		Low Point	High Point
INMP TRAP Receivers	Temperature(*C)	ASW Office Temperature		₽ 1	F 6
JPS Configuration	- Humidity(%)	ASW Office Humidity		17 ED	P 90
#PS Control	Alarm-1	Alarm-1		Not Used	
IPS Shutdown	Alarm/2	Alumo 2		Not I land	
itutdown Schedule	Paul	- and the		1401-0440	
ettings	- Carre				
MMC System	-				
bate and Time					
SNMPv3 USM Table					
Firmware Upload					
the Management					
oga					
#PS Log	_				
Event Foll					
System Log					
iystem Log					
iystem Log					
iystem Log					
Sentern Log					
Genera Log					
Cong					
System Log					
System Log					

- System Protect Software (Windows) Setting
- 1. Double click the setup.exe



2. Display install software screen

Choose the direc program files into	tory in which you v	/ant the insta	illation to copy	the new	
C:\Program Files	:\Eaton\System Pr	otect Softwa	re	-	
,			Browse		

3. Install complete



5. Setting the SPS.

Right click the SPS icon shown in system tray and select the "Configuration"

System Protect Configuration			
System Log Lani	guage		
Remote List	Ev	ents	
		Ac Fail	
		Battery Low	
		UPS Overload	
		UPS Over Temperature	
		Weekly Schedule Shutdown	
		Special Day Schedule Shutdown	
		EMP Over Temperature	
		EMP Over Humidity	
Add	Remove	EMP Contact1 Alarm	
Modify	View	EMP Contact2 Alarm	
Alias: BAOCNW: System Shutdown Ignore Restore Shutdown Delay:	Options Events in Shutdown De	lay Action Sec. Event Warning	
Kun Script Before Shutdown File Path: Script Max Execution Time: 60			
OK Cancel			

System->act as administrator, and enter the default password "admin".

Act as Administrator		×
Enter Password		
•••••		
		_
	OK Cancel	

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4. Start up from window (start->All Programs->System Protect

Software->Start System Protect Service)

🚰 Start System Protect Service
💤 Start Sytem Protect Service Debug Mode
쮛 Uninstall System Protect Software

6. Add NMC

Click "Add" button, and then entering the popped window. Enter the NMC IP address and device model.

Add	
IP Address or Host Name:	172.18.127.222
Service or Port:	2993
Device Model:	С1К
Cluster:	
	OK Cancel

The connection between SPS and NMC has established.

System Pr	otect S	oftware 🛛 🔀
	Topic:	Connection Establish
\checkmark	When:	2011-04-25 11:05:24
	Who:	172.18.127.222
	What:	Connect to 172.18.127.222
		OK(1s)

Other settings:

System Protect Configuration	
System Log Language	
	Events
1/2.18.127.222(2993) - C1k	Retard ou
	Battery Low
	OPS Over Temperature
	Weekly Schedule Shutdown
	Special Day Schedule Shutdown
	EMP Over Temperature
	EMP Over Humidity
Add Remove	EMP Contact1 Alarm
Modify View	EMP Contact2 Alarm
CLocal Configuration	
Alias: BAOCNW(154401202	Default
System Shutdown Options	
Ignore Restore Events in Shutdown Delay	
Shutdown Delay:	20 Sec. OEvent Warning
Run Script Before Shutdown	Shutdown
File Path:	
Script Max Execution Time: 60 Sec.	
OK Cancel	