iSmartMate

User Manual

Ver 1.1

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SECTION1 Installation and uninstall

1.1 Installation and uninstall of Windows

Put the iSmartMate Utility CD into the CD driver. And execute "iSmartMate.exe" program. Enter into the following installation interface.



Figure 1 Setup Wizard beginning



Figure 2 Setup Wizard ending

Click "Finish" button to initiate iSmartMate and start using the iSmartMate. When you uninstall iSmartMate, you can enter the following uninstall interface.



Figure 3 Uninstall Wizard beginning



Figure 4 Uninstall Wizard ending

Click "Finish" button to Uninstall iSmartMate.

1.2 Installation and uninstall of Linux

Put iSmartMate.bin into the corresponding installation directory.Then in the Terminal using the command of sh iSmartMate can install iSmartMate program.

SECTION2 iSmartMate for Windows Introduction

iSmartMate is a utility for connecting to UPS. This utility is for the Windows platform. When the iSmartMate get the failure signal from the SNMP Based on Ethernet, the iSmartMate will save & close the files and shutdown the system on Schedule time configured by users. When the hardware installation of the SNMP has been completed, you could install the iSmartMate on any of the Windows system on the network. When the iSmartMate detects the AC Fail, Battery Low, UPS Fail signals from the SNMP, it will save & close the file and shutdown the system safely.

- 2.1 iSmartMate Introduction
- ① Remote monitor UPS through RFC1628 SNMP protocol
- ② Detects the AC Fail, Battery Low, UPS Fail signals
- ③ Can shut down system automatically Safely
- ④ Can provide user with many optional configurations
- 5 Can pop the warning box to notify to user
- 6 Can save the important files before system shutdown
- 2.2 iSmartMate System Support
- ① Windows 8 32-bit/64-bit
- 2 Windows 7 32-bit/64-bit
- ③ Windows XP 32-bit/64-bit
- ④ Windows Server 32-bit/64-bit
- 5 Linux/X11 32-bit/64-bit

SECTION3 iSmartMate Specifications

3.1 Main window Specifications

<u>.</u>	ism	nart	Mate
10		А Ми	eti-Shutdown Software
Settings	Internet		
	IP: 192.168.16	9.4	State: 🎩 🔓
	IIPS State		
C	Utility Fail	Battery I	Fail 🔵 UPS Fail 🔵
Close	Dtility Fail	Battery I	Fail 💮 UPS Fail 💮
Close	Utility Fail Real Event	Battery I	Fail 💮 UPS Fail 💮
Close	Dtility Fail Real Event Date/Time	Battery I	Fail 💮 UPS Fail 💮
Close	Utility Fail Real Event Date/Time 2013-10-11 16:41:20	Battery J ip 192. 168. 169. 4	Fail O UPS Fail O Event Utility Normal
Close	Dtility Fail Real Event Date/Time 2013-10-11 16:41:20 2013-10-11 16:41:01	Battery J ip 192.168.169.4 192.168.169.4	Fail O UPS Fail O Event Utility Normal Utility Fail
Close	Dtility Fail Real Event Date/Time 2013-10-11 16:41:20 2013-10-11 16:41:01 2013-10-11 16:41:01 2013-10-11 16:40:42	Battery J ip 192.168.169.4 192.168.169.4 192.168.169.4	Fail O UPS Fail O Event Utility Normal Utility Fail Agent Connected
Close Log	Dtility Fail Real Event Date/Time 2013-10-11 16:41:20 2013-10-11 16:41:01 2013-10-11 16:40:42 2013-10-11 16:40:42	ip 192.168.169.4 192.168.169.4 192.168.169.4 192.168.169.4	Fail O UPS Fail O Event Vtility Normal Vtility Fail Agent Connected UPS Connected

Figure 5 Main window

Ν	Fun.	Detail Descriptions	
1	IP	Host connection IP address	
	AC Error	UPS Ac Power Lost	
2	Battery Low	Battery Capacity is Low in Battery Mode	
		UPS Operating Error,	
	UPS EIIU	power-supply Failed	
3	Real-time Display	Real-time display Connect/Record/Event	
	Current Time	Display Current Software time(RTC)	
4	Shutdown Time	Display Shutdown time	
	Agent and UPS	Display Agent and UPS state	
		Paraments Configurations(IP, SNMP, The pop-up warning dialog	
	Configurations	interval, Shutdown time etc.)	
5	Class	Record last shutdown time,	
Ū	Close	procedures and save the file.	
	Event Log	Record the network status and UPS status	
	About	Software version and copyright information.	

Table 1 description of the main window

3.2 Parameters Configuration Specifications

Figure 6 is an SNMP settings, set the IP address and the SNMP version on the choice , After factory settings corresponding SNMP card IP to other settings if no special needs, default.

Settings	
SNMP Set Power Set	
IP: 192.168.169.4	
SNMP Version	
◯ SNMPv1 ⊙ SN	IMPv2 O SNMPv3
General options	
Retries 1 🗘 times	s Timeout 0 🗘 sec.
SNMP port 161	trap port 162
SNMPv1/v2 options	
Community public	Security name
	User-Based Security Model
	Security level noAuthnoPriv 💌
	Context name
	Context engine ID

Figure 6 SNMP Configuration

Figure 7 is the power settings. Select path to need to save, executing external commands, shutdown time set and pop-up warning box interval set.

🛠 Settings	
SNMP Set Power Set	
Other Set	
save the files being opened by other application, automatic	ically
SavedfileDirectory: tMate_2\iSmartMate=build\release\Temp	Brower
Before shutdown external program to be executed	
	Brower
MAX running time: 1 🔅 minute	
System Set	
🗹 Shutdown system	
🗹 Utility fail time 🏾 10 📚 minute	
🔲 Battery low time 10 📚 minute	
🔲 UPS fail time 10 📚 minute	
Automatically start	
🖌 Pop-up alarm box 5 📚 sec.	
	ок

Figure 7 power Configuration

3.3 Shutdown Record Specifications

Figure 8 is a close document window. To save last shutdown time, closed program and saved program.

📁 Close File	X
the last shut down time:	
the last closed program: O	
the last saved program: O	
	OK

Figure 8 close document window

3.4 Event log Specifications

Figure 9 record network status and UPS status.

Date/Time	ip	Event
2013-10-11 16:43:46	192. 168. 169. 4	Utility Normal
2013-10-11 16:43:26	192. 168. 169. 4	Utility Fail
2013-10-11 16:43:15	192. 168. 169. 4	Utility Normal
2013-10-11 16:42:52	192. 168. 169. 4	Utility Fail
2013-10-11 16:41:20	192. 168. 169. 4	Utility Normal
2013-10-11 16:41:01	192. 168. 169. 4	Utility Fail
2013-10-11 16:40:42	192. 168. 169. 4	Agent Connected
2013-10-11 16:40:42	192. 168. 169. 4	VPS Connected
2013-10-11 16:40:13	192, 168, 1, 1	Agent Unconnected

Figure 9 Log window

3.5 Alarm dialog

When an alarm occurs, the software will pop up in the lower right corner of the system alarm box.



3.6 About Dialog

Figure 11 shows the iSmartMate software version and copyright.



Figure 11 About dialog

3.7 Taskbar window



Figure 12 iSmartMate in the tray

😤 UPS network is normal, 簺 UPS network is abnormal.