Logger set tool User Manual

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I、 General

"Logger set tool" is a tool used to set Logger's parameter, such as IP address, APN.etc.. The logger should be at first connected to net with CAT-5 cable between LAN socket of the logger and PC or router or hub and then power on. The logger is set "Obtain an IP address automatically" as factory settings, in this mode, the logger will get an IP address via DHCP automatically, and connect to monitoring web. After the LED-ETHERNET steady on or flash slowly, you can set parameter.



then show a form

🗸 Logger Set Tool ¥1.01.1629.005	
Logger List Serial No IP Version	PC IP: 192.168.0.11 Search Logger APN APN: -Logger IP user: • Obtain an IP address automatically user: • Use the following IP address: password: IP address: . . Subnet mask: . . Default gateway: . . Read IP address Set IP address PIN Read Set
Device List Serial No Address Type Code Append Info	Set Clear MAC Pata Server IP MAC Read Read Set Clear Read Device Set Add Device Address: Type Code: Append Info: Read Devices Clear All
Set Fort opened!	Time Set Data: M Heart: M 3G: Read Set Signal Quality Read

Before set parameter , you should <u>search</u> the logger and <u>choose</u> the logger in the net to set parameter. Logger search: Click "Search Logger" button on the top-right of the form, if the Logger is online , the form is shown as following.

🖨 Logger Set I	ool ¥1.01.1629.	005	
Logger List			PO TR 400 400 0 44
Serial No	IP	Version	PC IP: 192.168.0.11 [Search Logger APN:
35211628458DC0B	192.168.0.149	S1.00.ENT.1634.TST	
			Logger IP user:
			C Obtain an IP address automatically
			• Use the following IP address: password:
			IP address:
			Subnet mask: Read Set
			Telecom Operator
			Read TB address Set TB address
			Kead IF address
			PIN Kead Set
Device List			Set Clear Data Server IP

Logger choice: Choose the Logger, and there is a blue line on the record.

🖨 Logger Set Tool N	1.01.1629.005	
Logger List Serial <u>No</u> <u>IP</u> 35211628458DCOB 192.	Version	PC IP: 192.168.0.1
		C Obtain an IP a C Use the follow IP address: Subnet mask:
Device List		Default gateway: Read IP address PIN

II. Fix IP address Set

1. Some router is set forbidden allocation IP address automatically. The logger can not obtain an IP address automatically. When you connect the logger to net, the led-ETHERNET flash quickly. When the led steady on, the IP address is obtained automatically. If the led flash slowly after one minute, the IP address is not obtained automatically. In this case, you can not find the Logger in the net, you should set the logger a fix IP address with PC.

👍 Local Area Connection Properties

? 🗙

The logger should power on and a CAT-5 cable should be connected between PC and Logger directly.

First.vou should set vour PC IP address.	Mircom CardBus Ethernet II 10/100		
Open the "Local Aera connection Properties", Edit "Internet Protocol(TCP/IP)"	Configure This connection uses the following items: Configure This connection uses the following items: Configure This connection of the following items: Configure This connection of the following items: Configure Co		

After the PC IP set is finished, and the LED-ETHERNET of the logger flash slowly.Double click

Search and choose the Logger

	鼻 Logger Set Tool ¥1.01.1629.005		
ſ	Logger List		
	Serial No IP Version		PC 1P: 192.168.0.11 Search Logger
	35211628458DC0B 192.168.0.149 S1.00.ENT.163	34.TST	
			Logger IP
	NOTE TR - Ideans inner langer about the		🔘 Obtain an IP address automatically
	logger can not obtain IP address via		🕞 Use the following IP address:
	DHČP automatically.		IP address:
		-	

Then you can set "Use the following IP address" to change IP address

🖨 Logger Set I	ool ¥1.01.1629.	005	
Logger List			
Serial No	IP	Version	PC 1P: 192.168.0.11 Search Logger APN
35211628458DC0B	192.168.0.149	S1.00.ENT.1634.TST	
			Logger IP use
			🔿 Obtain an IP address automatically
			• Use the following IP address:
			IP address: 192.168.0.149
			Subnet mask: 255.255.255.0
			Default gateway: 192 . 168 . 0 . 1 - Tel
			Read IP address Set IP address
			PIN

IP address is changed to a fix address.

🖨 Logger Set To	ool ¥1.01.1629.	005	
Logger List			DO TR. 400 400 0 44
Serial No	IP	Version	PC IP: 192.168.0.11 Search Logger
35211628458DC0B	192.168.0.149	S1.00.ENT.1634.TST	
		Logger set tool_tr Set IP Address success	Logger IP C Obtain an IP address automatically Use the following IP address: IP address: 192 .168 .0 .136 et mask: 255 .255 .0 ful ult gateway: 192 .168 .0 .1 d IP address Set IP address PIN

If you set a different subnet between PC and Logger, such as the example above, you can not find the Logger after "Set IP Address successful", you must connect logger in a same subnet.

🖨 Logger Set Tool ¥1.01.1629.005	
Logger List	DG TR 100 100 0 11 Securit Lessen
Serial No IP Version	PC IP: 192.168.0.11Search Logger
35211628458DCOB (92.168.0.149) S1.00.ENT.1634.TST	
	Logger IP
	C Obtain an IP address automatically
	• Use the following IP address:
	IP address: 192 . 168 . 1 . 136
are different	Subnet mask: 255.255.0
	Default gateway: 192 . 168 . 1 . 1
	Read IP address Set IP address

2.If you want to change a fix IP address. The logger should power on and be connected to the net via PC or router or hub, which is in the same subnet.

Search and choose the logger with "Logger Set Tool".

Click "Use the following IP address", enter a fix IP address, then click "Set IP address"

🗸 Logger Set Tool ¥1.01.1629.005	
Logger List Serial No IP Version 352116284580C0B 192 168 0 149 S1 00 ENT 1634 TST	PC IP: 192.168.0.11 Search Logger
51100 000 00 152.100.0145 51100.0145	Logger IP C Obtain an IP address automatically Use the following IP address: IP address: 192.168.1.136 Subnet mask: 255.255.0 Default gateway: 192.168.1.1 Read IP address Set IP address

When setting is successful. The UI as following:

🖨 Logger Set Tool ¥1.0	1.1629.005	
Logger List		DO TR 100 100 0 11
Serial No IP	Version	PC 1P: 192.168.0.11
35211628458DC0B 192.168.	0.136 S1.00.ENT.1634.TST	
		Logger IP
		C Obtain an IP address automatically
		🕞 Use the following IP address:
	Logger set tool_tm 🔀	IP address: 192 . 168 . 0 . 141
	Set IP Address successful	Subnet mask: 255.255.255.0
	<u>(())</u>	Default gateway: 192 . 168 . 0 . 1
		Read IP address Set IP address
		DIN

After set, you click "Search Logger" again, it display the new static IP address .

🖨 Logger Set Tool ¥1.01.1629.005					
Γ	Logger List			Second Trees	
ľ	Serial No	IP	Version	PC 1P: 192.168.0.11	Search Logger
	35211628458DC0B	192.168.0.141	S1.00.ENT.1634.TST		
				Logger IP © Obtain an IP address	automatically

If you change a fix IP address, which is not in the same subnet.For example ,you want to set the logger(IP address is recently 192.168.0.141) to a new IP address-172.27.22.121. After your set is finished, you can not search the logger. You should search the logger in the subnet-127.27.22.***.

Note: The logger is set a fix IP address, and the LED-ETHERNET is steady on, but you can not search the logger. Because the logger is not conneced to the same subnet.

Sometimes you forget the fix IP address, especially you forget the subnet, which you has set to the logger, you can not find the Logger with this Tool. You should reset the logger to "Obtain an IP address automatically"

III. "Obtain an IP address automatically" Set

When the logger has a fix IP address, you want to set the logger to "Obtain an IP address automatically", there are two methods.

First way is reset the logger, which is written in the Logger User Manual.

Another method is setting with the "Logger Set Tool"software. First you need to search the Logger, then

choose it, click the "Obtain an IP address automatically", press "Set IP address" button, after it show a messagebox with "Set IP address successful", your Logger has return to the "Obtain an IP address automatically" mode.

	🖨 Logger Set Tool ¥1.01.1629.005	
ſ	Logger List	
	Serial No IP Version	PC 1P: 192.168.0.11Search Logger
	35211628458DC08 192.168.0.141 S1.00.ENT.1634.TST	
		Logger IP
		Obtain an IP address automatically
		C Use the following IP address:
		IP address:
		Subnet mask:

IV.APN SET

First choose the logger, then input the APN $\$ user (don't input unless it is required), password (don't input unless it is required).

APN APN:					
softbank					
user:					
ai@softbank					
password:					
softbank					
Read Set					

Click "Set", then "Set APN successful".

PC IP: 192.168.0.11 Search Logger	APN APN:		
	softbank		
Logger IP	user:		
 Obtain an IP address automatically 	ai@softbank		
Logger set	password:		
	softbank		
Set APN successful	Read Set		
	Telecom Operator		

V.PIN SET

First choose the logger, then Input PIN.



Also, click "Clear", will Clear the PIN.

VI.Telecom operator Set

You do not set "Telecom operator" normally, unless it is required. First choose the logger, then Input Telecom Operator.

Tel	ecom Operat	or
	Read	Set

VII.Data Server IP

You do not set "Data Server IP" normally, unless you want test the Logger, the Logger will send data to Data Server IP.

First choose the logger, then Input Data Server IP .Click"Set".

Data Server IP				
· ·	□ .□	· -		
Read	Set	Clear		

Click"Clear".will Clear the Data Server IP.

VIII.MAC Address

First choose the logger, then Click"Read". The Logger MAC Address will show.

MAC	
	Read

IX.Device Set

First choose the logger, then Click"Read Devices", the Logger devices will show on the left.



Input Serial No,Address,Type Code,Append Info, then Click"Add Device",the Device will add into the Logger and show on the left.

Device List			Jacon Data Server IP
Serial No	Address	Type Code	MAC 0 . 0 . 0
1	240	004	Read Read Set
<	2	002	
			Serial No: 2
			Address: 2 Type Code: 602
			Append Info: Read Devices
Append Info			¹ ¹ ²
#			Delete Devices

Device choice: Choose the Device, and there is a blue line on the record.

then Click"Delete Devices", the Device will delete.

Device List	1234 Clear Data Server IP
Serial No Address Type Code 1 240 004 2 602	MAC 0 .0 .0
	Serial No: 2 Add Device Address: 2 Type Code: 602
	Append Info: Read Devices
Append Info	I2 Delete Devices
12	

Click"Clear All", All Device will delete.

Device List			1234	Set		Data Server IP	
Serial No	Address	Type Code	MAC			0.0.0	. 0
1 2	240 2	004 602			Read	Read Set	Clear
			Device Set Serial No: 2 Address: 2	Type Code:	602	Add Device	
		1	 Append Info:			Read Devices	All
Append Info # I2						Delete Devices	

X.Time Set

First choose the logger, Input Data time and Heart time, then Click"Set".

Time Set					
Data: 5 M	Heart: 5	M	3G: ON	Read	Set

Also, Click"Read", the logger Data time and Heart time and Module on/off setting will show.

XI.Signal Quality

If the 3G module in a steady situation, First choose the logger, then Click"Read". The 3G module signal quality will show if the signal quality is bigger than ten, that is ok, otherwise, you should turn the antenna or move the logger.

Signal Quality	
29	Read

XII.Operation

When you set Logger's parameter, the 3G module should be in a steady situation. If the module is linking the net, you can not set parameter at the same time.

You'd better to connect the logger, which you want to set, to the net with CAT-5 cable between LAN socket of the logger and PC or router or hub at first. Then power on. You can judge if the logger is connected to the net via the LED of 'ETHERNET'. After that the logger will start GSM module, the LED will be another indication, which is difficult fo you to judge if the net is connected.

After you set the parameter, especially you have set PIN, APN, you should reset the logger to pull out the DC plug, and plug in.

XIII. Default Data

the 3G Data Logger default data as below:			
Data time:	15 Minute		
Heart time:	15 Minute		
Data Server IP:	0.0.0.0(No used)		
PIN:	No used		
Telecom Operator:	No used		
APN:	softbank		
APN user:	ai@softbank		
APN password:	softbank		
IP Address:	192.168.0.X (X between 2 to 255)		
Subnet mask:	255.255.225.0		
Default gataway:	192.168.0.1		
Devices:	No Device		