

File Name:	Original Industrial Router	Version	1.0
Project:	V520	Update Date:	Nov.16 th ,
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iStartek 3G/4G INDUSTRIAL ROUTER USER GUIDE

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1 Connector Description



Front Side

1) RJ45 connector: LAN0

Description: LANO can be used as WAN port in the standard router mode.

2) RJ45 connector: LAN1

3) RJ45 connector: LAN2

4) RJ45 connector: LAN3

5) DC connector: DC7V~35V wide voltage

DC Power connector: use 2.1mm round head power connector, DC7V~35V wide voltage design. Inner: "+", Outer: "-"

6) 3G/4G antenna connectors: SMA antenna connectors which the outer part is spiral and the inner part is hole.

7) Reset button: SYS light (SYS) will be flashing quickly when long press RESET button 5 seconds, the system resets successfully when router restarting.

8) USB connector: USB2.0



Back Side

1) 3 pieces of 2.4G WIFI antenna connectors: SMA antenna connectors which the outer part is spiral and the inner part is hole, the middle 2.4G can be used as a GPS antenna connector according to customer requirements. User can choose suitable outer shape and antenna automatically. The Bigger antenna gain, the more effect of wireless sending and receiving in theory. We advise using 3 -5DB antenna gain under 3G/4G/4G antenna. WiFi antenna's choice is based on the requirement of user coverage. Our Product support 15DB antenna gain at the maximum.

2) Serial port connector: Standard 9PIN connector.

3) SIM card slot: The SIM card slot is located at the bottom of the product and has a screw. Unscrew the screw and take out the protective cover to install the SIM card.

4) TF card slot: The TF card slot is located at the bottom of the product and has a screw. Unscrew the screw and take out the protective cover to install the TF card.

5) Serial port: Serial port 0 is used as Console, and serial port 1 is used as serial communication interface. 6) Micro USB port: can be connected to the computer to dial directly, then V520 can be used as a USB network card.

7) GPIO port:



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Indicator status description

Name	Status	Description		
CDC Light	Constant on	GPS is connected		
GPS Light	Off	GPS is not connected		
LAN0-LAN3	Constant on	RJ45 port is connected		
Light	Off	RJ45 port is not connected		
	Constant on	Constant on after power-on, indicating that the wireless is normal.		
WLAN	Fast Flash	Flashes quickly after power-on, indicating that data is being transferred.		
	Off	Off after power-on, indicating that the wireless function is turned off or malfunctions.		
	Constant on	Constant on after power-on, indicating that the VPN connection is successful.		
VPIN	Off	Off after power-on, indicating that the VPN function is down or faulty.		
System	Constant on	Lights up after power-on, indicating that the power supply is normal.		
Light(SYS)	Off	About 10 seconds after power-on, from constant light to slow flash, indicating that the system is operating normally.		
	Constant on	connection succeeded		
3G/4G Light	Slow Flash	connecting		
	Off	no connection		
PWR	Constant on	Normal power		

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2 Setting Preparation

2.1 Connecting Equipment

You can connect your computer and router as below procedure.

2.2 Set Computer 's IP Address

Before access to the web setting, we advise you to setting your computer into obtain IP address and DNS IP address automatically. Router can assign IP address automatically. If you want to assign static IP address to the computer, you need to set your computer and router of LAN port IP address into a same subnet. (The default IP address is 192.168.10.1 for LAN port of router, Subnet mask is 255.255.255.0).

2.3 Connection by WiFi

Check your Wifi router's wireless internet connection, then click "connection" button to create connection, Wifi password:12345678



2.4 Confirm Computer Connection with Router

Please use Ping order to confirm if the computer connect with router or not when your computer monitor successfully connected with IP.

For example: Proceed Ping order under Windows XP environment: Ping 192.168.10.1

If LCD display as below, it means computer and router successfully connected.



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Administrator: C:\Windows\system32\cmd.exe	
Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	.
C:\Users\Administrator>ping 10.168.10.1	
Pinging 10.168.10.1 with 32 bytes of data: Reply from 10.168.10.1 : bytes=32 time=1ms TTL=64 Reply from 10.168.10.1 : bytes=32 time=2ms TTL=64 Reply from 10.168.10.1 : bytes=32 time=1ms TTL=64 Reply from 10.168.10.1 : bytes=32 time=5ms TTL=64	
Ping statistics for 10.168.10.1 Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 1ms, Maximum = 5ms, Average = 2ms	
C:\Users\Administrator>	
	+

2.5 Router Login

Then login Web setting configuration of router.

Click http://192.168.10.1 in the address field of web browser, then click the user name and password in pop-up window.

The defaulted user name is admin and password is admin when you login at the first time to use.

Connect to 19	2. 168. 10. 1 🛛 🛛 🕅 🔀
R	
NTOR TO	
User namer 🖤	🖸 admin 💌
Keyword (2):	*****
	Remember my password (g)
	Confirm Cancel

2.6 Enter Web Setting

Enter web setting when you successfully login, Then you can set and management router.



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Status Mode	3G/4G VPN LAN Media	Wireless24	Security	Server Ro	uting Admin Logo
▶ Summary	Log File Sharing	Video			
				REFRE	SH Help
					Summary: Show current status and
VVork Mode	3G/4G Wireless Router Mode				configurations of the
3G/4G ISP	TD-SCDMA/LTE				Touter.
Signal	74%				
SIM/UIM Status	Available (SIM)				
3G/4G Service	Valid service				
3G/4G Network	LTE				
WAN Info:					
Connection Type	3G/4G Wireless Dial Up(Conne	cted)	CONNECT	DISCONNECT	
IP Address	10.122.164.175				
Subnet Mask	255.255.255.224				
Gateway	10.122.164.176				
DNS 1	211.138.17.107				
DNS 2	211.136.20.203 DC-58-58-04-DD-50				
MAC Address Keep Time	DC:50:E0:04:DB:59				
cloud status	offline				
LAN Info: IP Address Subnet Mask DHCP Server	192.168.10.1 255.255.255.0 Enable				
MAC Address	DC:56:E6:04:DB:58				
	Y				



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3 Working Mode

V520 offer 4 types of working mode: 3G/4G wireless router mode (defaulted), standard wireless router mode, Wireless AP+ wireless customer end bridge mode, wireless AP+ Wireless customer end.



3.1 3G/4G Wireless Router Mode

The default to V520 is 3G/4G wireless router, Insert 3G/4G SIM card, Router will search 3G/4G internet automatically .You can also define the internet supplier what you want to.

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Status Mode 3G/4	G VPN LAN Media	Wireless24 Security Server Routing	Admin Logout	
▶ Setup Break-De	etection DDNS	AT CMD		
3G/4G setup			Help	
Auto select 3G/4G ISP	Break DetectionEnable		3G/4G setup: Setup 3G/4G modem dial	
3G/4G ISP	TD-SCDMA/LTE	\checkmark	information.if enable 'Auto select 3G/4G	
APN	cmnet		ISP', The device will automatic input ISP dial	
Pin Code			information by IMSI. But the fuction olny use for	
Dialed Number	*99***1#		Chinese ISP.	
Username				
Password				
Authentication		P		
Auto Dial-up	\checkmark			
Router will reboot after dial:	5	times failed. (0 will disabled)		7
Extra AT cmd		(If there are more then one AT cmd, please use ';')		
Use local IP	0]		
Primary DNS Server]		
Secondary DNS Server		(Optional)		
Network Type	Auto 🗸			
		APPLY CANCEL		

Server	3G/4G	APN	Dial number	User	Password
	network	4		name	
China mobile	TD-SCDM	cmnet	*99# or	card	card
com	А		*98*1#		
	TDD-LTE				
China Telecom	CDMA200 0 FDD-LTE LDD-LTE	ctnet	#777	card	card
China Unicom	WCDMA FDD-LTE	3gnet	*99#	Null	Null

3.2 Standard Router Mode

Starte

When you are ready to use the "standard wireless routing mode", please use Wi-Fi to connect to the router. If you use a network cable to connect to the router through a wired network, you need to pay attention to the network cable to be connected to the LAN port of the router (note that the function of the network port changes due to the change of working mode).

3.2.1 Static Internet Connection Mode

Entering working mode to choose standard router mode, Choose the static IP address under WAN setting windows, Click IP address and net mask, gateway and DNS which ISP provided. Then apply it.

Ideas for better life	File Name:	Original Industrial Router Guide	Version	1.0
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Status Mode	WAN VPN L	AN Media	Wireless24	Security	Server	Routing	Admin Logout
▶ Setup Brea	k-Detection	MAC-Clone	DDNS				
WAN Setup Connection Type IP Address Subnet Mask Default Gateway MTU Primary DNS Server	STATIC (fixe 0.0.0.0 0.0.0.0 0.0.0.0 1500	ed IP) V	(576~1500)				Help Static IP Settings: Setup IP, Subnet Mask and Gateway provided by your ISP, MTU is th Maximum Transmission Unit of a network. DNS server address must be entered manually and also must be only one.
Secondary DNS Serve	r		(Optional)				
				A	PPLY	CANCEL]

3.2.2 Dynamic Internet Connection Way

Entering working mode to choose standard router mode, Choose the dynamic IP address under WAN setting windows. Click apply button, then the router will obtain ISP assigned parameter automatically.

M2M 3G WiFi Modu	le	语言/Language:	English 🗸	Version: 2.1.9.4
Status Mode WAN	I VPN LAN Media	Wireless24	Security Server Routing	Admin Logout
▶ Setup Break-Det	ection MAC-Clone	DDNS		
WAN Setup Connection Type MTU Primary DNS Server Secondary DNS Server Hostname	DHCP (Auto config) V 1500] (576~1500)] (Optional)] (Optional)] (Optional)	APPLY CANCEL	Help WAN Setup: MTU is the Maximum Transmission Unit of a network. You can setup DNS server address to obtain it manually or the one provided by ISP.
XXX	V ^Y			

3.2.3 PPPoE Internet Connection Way

Entering working mode to choose standard router mode, Choose the PPPoE under WAN setting and fill the user name, password that ISP offer. Click apply button.

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▶ Setup Break-Detection MAC-Clone DDNS WAN Setup PPPoE (ADSL) ▼ PPPoE Settings: Enter username and password provided by your ISP. MTU is the Maximum Transmission Unit of a network You can setup DNS server PPPoE (546~1492) MTU 1492 (546~1492) use it manually or to use it provided by ISP. Server name of your ISP. Server name of your ISP. Server Primary DNS Server (Optional) manue is the name of your ISP and generally it's not required to fill in. Service Name (Optional) (Optional)	Status Mode WAI	N VPN LAN Media	Wireless24	Security	Server	Routing Adr	min Logout
WAN Setup Help Connection Type PPPoE (ADSL) ✓ PPPoE Username PPPoE PPPoE Password ●●●●●●● MTU 1492 Primary DNS Server (Optional) Secondary DNS Server (Optional) Hostname (Optional) Service Name (Optional)	▶ Setup Break-De	tection MAC-Clo	one DDNS				
	WAN Setup Connection Type PPPoE Username PPPoE Password MTU Primary DNS Server Secondary DNS Server Hostname Service Name	PPP₀E (ADSL) ✓ PPP₀E ●●●●●● 1492 □ <	(546~1492) (Optional) (Optional) (Optional) (Optional)			Help PPF Enteru passw your IS Maxim Unit of can se addres manua provide name i your IS it's not	PoE Settings: username and ord provided by SP. MTU is the um Transmission a network. You tup DNS server is to obtain it illy or to use it ad by ISP. Server is the name of SP and generally required to fill in.

3.3 Wireless AP+ Customer End Bridge Mode

Choose this mode, we can use V520 as a bridge connection for AP using, it's used as bridge connection of former grade wireless router. At first, Set your computer's IP address into 192.168.10.100, and enter Web by wire cable connect LAN2 connector, then enter the router admin page, Choose wireless AP+ Customer end bridge mode.

Device	Work Mode	Help
0	3G/4G Wireless Router Mode Wireless and ethernet port connect to local network, The 3G/4G USB modem connect to internet.	WorkMode: Chi the device work in choice 'Smart Moo The device will de wan mode automatically. The priority as: 36/4G DHCP —> PPPOE AP-Client. Please parameters in diffi mode at first
0	Standard Wireless Router Mode Wireless connect to local network, The ethernet connect to internet.	
	Use PC *** Use PC	
۲	Standard Wireless AP and APClinet Bridge Mode Wireless work for access point. APClinet connect remote AP. Ethernet connect to local network.	

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3.3.1 Click LAN setting button, search for wireless network.

Home	Status Mode	LAN	Wireless24	1	Admin	Logout
►Remote-Wifi	Setup					
Enable AP-Client Remote AP SSID WiFi Status	Remote_AP_SSID Disconnected	SEARCH AP			Help	
Security Security Mode	WPA1PSKWPA2PSK					
WPA-PSK Encrypt Type WPA-PSK Key	TKIP AES TKIF	PAES				

3.3.2 You can see the name of wireless AP within current coverage range, Choose wireless AP accordingly.

_ _

			刷新	关	闭
<mark>((</mark> ရာ))	ChinaNet-5RPL [4c:09:b4:89:0f:1f]	🖁 WPA1PSKWPA2PSK/AES	Channel 10	1000 _{29%}	✓
<mark>((</mark> ရာ))	TP-LINK_3D76E6 [d8:5d:4c:3d:76:e6]	🖁 WPA1PSKWPA2PSK/AES	Channel 4	00000 10%	
<mark>((</mark> ရာ))	84181711 [e0:05:c5:2f:01:b8]	🖁 WPA1PSKWPA2PSK/AES	Channel 4	0000 _{5%}	
<mark>((</mark> ူ))	slszp [ec:88:8f:73:43:92]	🖁 WPA1PSKWPA2PSK/AES	Channel 6	0000 _{0%}	

3.3.3 Fill wireless AP password chose, then you can bridge connection former Wireless AP.

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Status Mode	LAN Media Wireless24	Admin Lo	ogout			
Remote-Wifi	Setup					
Enable AP-Client	\checkmark				Help	
Remote AP SSID	Remote_AP_SSID	SEARCH AP				
WiFi Status	Disconnected					
Security						
Security Mode	WPA1PSKWPA2PSK 🗸					
WPA-PSK						
Encrypt Type	O TKIP AES O TKIPAES	1				
WPA-PSK Key	12345678					
						Ν
						P
			APPLY	CANCEL		

4. Wireless AP+Customer End Mode

- Web- working mode Wireless AP+ Customer end mode, click apply.
- Wireless connection –Use menu of Internet ways to choose AP client Dynamic address (Get from DHCP server automatically, Click and search Wireless Internet, Then it will pop-up choice dialogue box that search for all wireless network. Choose WiFi network you want to connect. Pay attention to channel's IP you want to select net, click and connect. If the WiFi you chosen has password, Please fill in password accordingly under Wireless security. Pay attention that the password is character or hexadecimal. Then press apply button.

> ()

Paetup Break-D	stection MAC-Clone DDNS	
WAN Setup Connection Type MTU Primary DNS Server Secondary DNS Server Hostname Remote AP SSID WiFi Status	ApcClient-DHCP 1500 (576~1500) (Optional) (Optional) (Optional) Remote_AP_SSID SEARCH AP Disconnected	Help Setup wireless clie interface obtain IP fro another AP/Click 'Search AP' will show AP's arround the devi
Security Security Mode WPA-PSK Encrypt Type WPA-PSK Key		



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4. Wireless Safety Setting

4.1 Wireless Safety

Wireless safety mode has several types, It can choose different safe mode as your requirement.

- Stop in use
- Open System
- WPA-PSK
- WPA2-PSK
- WPAPSKWPA2PSK (WPA-PSK and WPA2-PSK mixed mode)

4.2 Open System

There are two types of encryption: None and WEP.

	Home Status M	ode 3G/4G LAN	Wireless24	Security	Server Ro	uting Admin Logout
	Basic ►Security	Station List Ma	ac Access			
,	Security					Help
	Security Mode	Open System				Security: Setup wireless AP security.
	Encrypt Type	WEP V				use WPA2PSK, AES is
	Encrypt Strength	O64 bit ◯128 bit				good choice.
	Default Key	Key1 🔻				
	WEP Keys1	Hex 🔽				
	WEP Keys2	Hex 🔽				
	WEP Keys3	Hex 🔽				
	WEP Keys4	Hex				
				APPL		

Description listed as below:

Web item	Description
----------	-------------



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Encryption type	Only two encryption type to choose: None and WEP. Choose "None"means no encryption, choose "WEP" showed as above.
The length of WEP encryption	Only two length of WEP encryption types to choose: 64 bit and 128bit. Default length: 64bit.
Default key ID	You can set 4 WEP keys at same time, but only choose 1 key in use. Default value is Key 1.
WEP key	Choose key type and set WEP key number. There are two types of WEP key: sexadecimal type and character type. You can set different WEP key based on different encryption length and type.

WEP key setting :

64bit encryption: 10 unit sexadecimal or 5 unit character type. 128bit encryption: 26 unit sexadecimal or 13 unit character type.

4.3 WPA-PSK

This mode is WPA-PSK encryption mode.

		1	1			
Home Status	Mode 3G/4G LAN	Wireless24	Security	Server	Routing	Admin Logout
Basic ►Securi	ty Station List	Mac Access				
Security						Help
Security Mode	WPA-PSK					Security: Setup wireless AP security.
WPA-PSK						use WPA2PSK, AES is good choice.
Encrypt Type	○TKIP ◎AES	TKIPAES				J
WPA-PSK Key	12345678					
	(8-63 ASCII cha	racters, or 6	4 hexadecir	nal charact	ers	
	<0-9 or a-f, A-F	>)				
Rekey Interval	3600 second(s)					

Description listed as below:

Web item Description	
Safe mode	Choose WPA-PSK.
WPA-PSK encryption	Only two choices: TKIP and AES.
WPA-PSK key	Set key, legal key length: 8-63个ASCII character 64 sexadecimal (0~9、a~f or A~F).
Key update interval	Set key interval updating time. the unit is as per second.



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4.4 WPA2-PSK

Security Security Mode	WPA2-PSK	Help Security: Setup wireless AP security.
WPA-PSK		use WPA2PSK, AES is good choice.
Encrypt Type	○TKIP ●AES ○TKIPAES	good choice.
WPA-PSK Key	12345678	
	(8-63 ASCII characters, or 64 hexadecimal characters	
	<0-9 or a-f, A-F>)	
Rekey Interval	3600 second(s)	
	(APPLY) CANCEL	

Description listed as below:

Web item	Description
Safe mode	Choose WPA2-PSK.
WPA-PSK encryption	Only three choices: TKIP, AES and TKIPAES.
WPA-PSK key	Set key, legal key length: 8-63 \uparrow ASCII character 64 sexadecimal (0~9, a~f or A~F).
Key update interval	Set key interval updating time. the unit is as per second.

4.5 WPAPSKWPA2PSK

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Security	Help
Security Mode	WPA-PSK/WPA2-PSK
WPA-PSK	use WPA2PSK, AES
Encrypt Type	
WPA-PSK Key	12345678
	(8-63 ASCII characters, or 64 hexadecimal characters
	<0-9 or a-f, A-F>)
	second(s)

Description listed as below:

Web item	Description
Safe mode	Choose WPA2-PSK.
WPA-PSK encryption	Only three choice: TKIP, AES and TKIPAES.
WPA-PSK key	Set key, legal key length: 8-63 pieces ASCII character or 64 sexadecimal ($0 \sim 9$, $a \sim f$ or $A \sim F$).
Key update interval	Set key interval updating time. the unit is as per second.

5. System Service

V520 offer many items to choose, here we mainly describe Virtual server, serial service and SMS service.

Status Mode 30	3/4G VPN LAN	Media	Wireless24	Security Server	Routing	Admin Logout
Virtual-Server	Application	DMZ	File Sharing	Com2 Server	Sms	WIFI DOG

5.1 Virtual Service

BC-628E can be use data Internet server, offer many service function, Only need to fill right IP address of external connector, internal connector and internal server. then it can be used as virtual service.



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Virtual Server S	ettings		firewall. You can configure virtual server on the router to change
Preset Settings	WEB(http) (port: 80)		t.
service name	WEB		
external Port	80 80		
Internal Port	80 80		
Protocol	TCP/UPD V		
Internal Server IP	192.168		
		ADD	
0项			
		DELETE DELETE-ALL	
		APPLY CANCEL)

5.2 Serial Port

One main functions of VT520 is used as serial port server (customer end), Here, we can connect many serial ports.

Status Mode 3G/4G	VPN LAN	Media	Wireless24	Security Security	erver Routi	ng Admin Logou
Virtual-Server	Application	DMZ	File Sharing	►Com2Ser	ver	Sms WIFI DOG
COM Server Setup COM Server Setup			Enable			Help
COM Server Host ID	O AT Mode (e) Wifi-7628) Transpare	ent			
Restart Time HeartBeat Period	0Mins ###%device_m 0Sec	restart.(0E nac&%wan_ ond (0Disa	Disabled) _ipay Support % vai uble)	iable wildcard		
Not receive TCP/UDP socket data Restart service	0 seco	onds, restart s, then rebo	service (0Disable	d) d)		
Client Mode	on 🗸					
	Server Addr 1. 192.168.10.3	254	Protocol TCP&UD	TCP port P V 5000	UDP port	
	2.		TCP&UD	P 🗸 5001	5001	
	3.		TCP&UD	P 🗸 5002	5002	
	4.		TCP&UD	P 🗸 5003	5003	
	5.		TCP&UD	P 🗸 5004	5004	
Server Mode	OFF 🗸					

Regarding to this content of this chapter, we will give brief description.

5.3 SMS Service

We can send SMS to V520 router and control the start, close and restart by setting telephone number if V520 have 3G/4G SIM card for sending and receiving messages. The details listed below:



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Home Status Mode 3G/4G LAN Wireless24 Security Server Routing Admin Logout	Harry I was a	ule	语言/Language	English	~			Version:	1.1
Virtual-Server Application DMZ > Nas	Home Status	Mode 3G/4G LAN	Wireless24	Security	Serv	er	Routing	Admin	Logout
Sms Service Sms center number Access user phone 1 Access user phone 2 Access user phone 3 Access user phone 4 Access user phone 5 Inform Inform Image: Inform <	Virtual-Server	Application	DMZ ► Sms						
Inform Enable Connected Inform Im online Disconnect Inform Im offline Access Im Enable Access Dial III Access Hangup 000 Access Reboot RRR Message APPLY CANCEL	Sms Service Sms center number Access user phone 1 Access user phone 2 Access user phone 3 Access user phone 4 Access user phone 5		Optional					Help	
Message	Inform Connected Inform Disconnect Inform Access Access Dial Access Hangup Access Reboot	 ✓ Enable I'm online I'm offline ✓ Enable 111 000 RRR 							
	Message			A	PPLY	CA	NCEL		
			$\langle \langle \rangle$	0					

6. Admin

6.1 Equipment Function

Windows ME, 2000, XP use UPnP Protocols. These systems can find router automatically by this Protocols



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if we start this function.

UPnP (Universal Plug and Play, namely is use immediately when you plug) is mainly used for realizing intelligent connection and communication for equipment, There is no need tat tending and using main server for users to find automatically and control from different types web equipment of different suppliers.

Use UPnP function, Router can realize NAT order came cross: when the computer in the LAN came through.

Wireless Router can add, delete NAT mapped table automatically based on requirement when Wireless router communicate with Internet .And the nit can solve some traditional businesses (such as MSN voice, video) can't come cross NAT problems.

►Manag	ement 1	'ime-setting	Backup&Restore	Firmware-Upgrade	Restart	Factory-Defaults	Password
Equipment	Function					Help	
⊻ E	nable UPNP					Enab enter h	le remote, and ttp://WAN

Tick radio box, press "apply" button, and completed setting.

6.2 Software Updating

You can download the newest software router to get more and more functions and stable parameters by updating software.

The procedure for updating software listed as below:

- (1): Store the updating files to your computer.
- (2): Click "scan" button to choose the software your need to upgrade.
- (3):Click "upgrading" button, and start to upgrade.

Home Status Mode 3G/4G LAN Wireless24 Security Server Routing	Admin Logout		
Management Time-setting Backup&Restore ▶Firmware-Upgrade Restart Factory-De	faults Password		
Firmware Upgrade You can get the latest software version from the address Current Software Version: 4G-CPE 1.1 Software Creation Date: Jun 12 2018 10:26:32 Note:Do NOT switch off the power or press the reset button during updating. Please backup the configurations before starting.	Help Firmware Upgrade: Click on the browse button to select the firmware file to be uploaded to the router.Click the Upgrade button to begin the upgrade process. Upgrade must not be interrupted.		
After flashing,erase all data in NVRAM memory. Factory Defaults Note: When the firmware version is the same before and after the upgrade,the factory settings will not be restored after the upgrade is successful.			
UPGRADE			
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File Name:	Original Industrial Router	Version	1.0
	Guide		
Project:	V520	Update Date:	Nov.16 th ,
			2018

The Wireless router will restart automatically when is in the process of recovery setting.

Default to factory value setting will clear all wireless Router setting information, and back to the first use status. This function is widely used for transforming equipment from on internet environment to the other internet environment. Set the equipment default to factory value. Then it can reset setting. It will be suitable for current internet.

Click<default to factory value>button, Confirm it and then Default to factory setting.

6.4 Password Management

Blank wireless router user name/password is admin, User name can't be revised, Password can be revised. In order to be more safe, advise revise password and keep password information.

The process listed as below :

(1) fill the original password in the< original password>radio box;Fill the new password in the<new password>text box, Refill the new password in the<confirm password>and confirm edit .
(2) Click<confirm>button, completed the password revision.

Please e-mail us at info@istartek.com if any question or feedback.