GRP-520 FAQ1-5

Tables of Content

Q01: If we forget the IP of GRP-520, how to get the IP of GRP-520?	.3
Q02: How to control the remote M-7000 device (or other RS-232, RS-485 device) via	
"Virtual COM" over 3G/GPRS?	.6
Q03: How to share 3G network of GRP-520 to 3 XPac8000 (or other device)?	10
Q04: How to make Modbus/TCP to Modbus/RTU over 3G, and Card Reader Monitor	
Application?	13
Q05: How to connect FTP Server behind GRP-520?	18

Q01: If we forget the IP of GRP-520, how to get the IP of GRP-520?

A01:

1. Please download putty. We will use it to connect with the device via RS-232 (COM1) http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html

- **2**. Execute putty, and set as below:
 - (1) select "Serial"
 - (2) input your com port number
 - (3) input "115200" for Speed
 - (4) and then click "Open" to open Com Port

🕵 PuTTY Configuration		? 🗙
Category:		
 Session Logging Terminal Keyboard Bell 	Basic options for your PuT1 Specify the destination you want to c Serial line (2) COM1	Y session onnect to (3) Speed 115200
Features 	Connection type: Raw <u>I</u> elnet Rlogin C Load, save or delete a stored session Sav <u>e</u> d Sessions	SSH Serial
Colours Connection Data Proxy Telnet Rlogin B-SSH	Default Settings 27.100-ssh 27.67-ssh COM1 COM21 GRP.51-ssh GRP.52-ssh	▲ Load Save Delete
Serial	Close window on exit: Always Never Only	on clean exit (4) <u>C</u> ancel

3. Power off your device, and turn the rotary switch to "1". connect COM1 to your PC, and then power on your device



4. You will see console message like below



5. Please input "ifconfig eth0" to get IP. (please make sure your ethernet wire connected)



Q02: How to control the remote M-7000 device (or other RS-232, RS-485 device) via "Virtual COM" over 3G/GPRS?

A02: The architecture shows as below, please follow the steps to setup GRP-520.



1. Please connect your device (DL-100 or M-7000) to serial port of GRP-520

2. If you never install VxServer, please refer the link as below:

http://m2m.icpdas.com/VxServer.html

VxServer must work with "VxComm" software. If you don't install "VxComm" software, please refer the link below:

http://www.icpdas.com/products/Software/VxComm/vxcomm.htm

3. Please use web browser to link to GRP-520. Default IP is 192.168.255.1 $\,\circ\,$

(default username / password is admin / admin)

Set Pin code of your SIM card, and Enable "Auto-Dialing" function.

Set "User Name" and "Password" if your SIM card needs it.

Press "Modify"

Device Info						
<u>Network Info</u>		2G/3G Configure				
<u>Storage Info</u>	PIN Code					
Network Ethernet	Phone Number	*99***1# (1)				
<u>2G/3G</u>	APN	internet (2)				
<u>DNS</u> <u>DDNS</u>	User Name	(2)				
<u>DHCP Server</u>	Password	(2)				
Port Mapping	Auto-Dialing	✓Enable				
<u>Diagnostic</u>		Modify				
Process <u>System</u> <u>User</u>	(1):usually use *99# or *99*** (2):please ask your SIM Card	(1):usually use *99# or *99***1# (2):please ask your SIM Card provider				

- 4. Configure VxServer Function
 - (1) Set "Server IP" and "Server Port", the default port number is "11000".
 - (2) Let other settings be default value. (you can refer the user manual for the detail)
 - (3) Click "Enable Function" to enable VxServer function
 - (4) Press "Modify", and GRP-520 will try to connect to server.
 - (5) if "Alive" field is not "True" (Green color), it mean VxServer function fail. Please

check your settings again.

<u>26/36</u>						
<u>3G/GPRS</u>		Visi	ual COM Configure (V»	(Server)		
<u>DNS</u>		Server IP	192.168.27.67]		
<u>DDNS</u> DHCP Server		Server Port	11000	default=11000		
Routing		Heartbeat Time	20	10~65535 seconds		
Port Mapping Diagnostic		Device ID	1	1~255, unique ID for device		
System		Alias	GRP-520	Max. Length = 8		
<u>Password</u> Reboot		Time Interval	50	1~5000 ms, default=50		
Backup/Restore		Data Length	1000	10~1000 bytes, default=1000		
<u>Restore Factory</u> Time		Enable Funcion	Enable			
<u>System Service</u>	_	Alive	True			
VxServer		Firmware Version	V1.00 2013/03/19			
		Modify				
2013/03/20		(1)Heartbeat Time: if this valu (2)Virtual IP: please set it diffe	e is small, it is sensitive erent from other virtual (e to detect network disconnected COM device		

5. Please reset your device and un-plug your Ethernet from GRP-520, it will dial-up in 60 seconds, and then it will connect to your control center.

Virtual IP	Module	Alias	Com Number	Heartbeat	Remote Client IP	Remote Client Port	Signal Qualit
) 127.0.20.1	GRP-520	GRP-520	2	20	111.80.236.252	59505	37%
ate / Time	Message						
13/03/21 13:01:28	The Remote	Virtua IP "127.0.20.	1" establishes a new co IC7 24 Less DODT: 44	onnection. (IP: 111.	80.236.252, PORT: 59505)		
113/03/21 13:01:06	Server Start	Server Staned(Local IP) 61.219.167.34, Local PORT: TTUUU)					

- 6. After GRP-520 connect to VxServer, please follow steps below:
 - (1) Press "Search Servers" button, you will get a device list
 - (2) Click right button of the mouse on GRP-520, and click "Add Server".

()			· · · · ·					
of VxComm Utility [v2.12.	00, Mar.07, 201	3]						
<u>File S</u> erver <u>P</u> ort <u>T</u> ools								
	P	Configu	re Server			Configu	ire Port	
Winter remote service and the become part of your PC	V×Comm S	Servers			Port	Virtual COM	Baudrate	
Add Server(s)								
Remove Server								
🧉 Web ^(a)						-		
	Name	Alias	IP Address	Sub-ne	t Mask	Gateway	MAC Ad	dress
Search Servers	FCM-MTCP	iDCS-8830	192.168.0.4	255.25	5.255.0	192.168.0.25	i4 00:0d:el):d0:75:2e
	GBP-520	GBP-520	127.0.20.1	255.25	5.255.255	197 0 90 1	44+44+74+01	0:14:01
Configuration (UDP)						////Ping Server		
	(1)	2				Diagnostic		
Exit	a) (9						
					(c)	JCConfigure S	erver (UDP) s)	1
	<					, ML		
Status								//

(3) choose the virtual com port number, and click "OK"

Adding Servers	X						
IP Range Server Options Port Op	IP Range Server Options Port Options						
Server Information							
Server Name : GRP-520	Get name automatically						
IP Range Start : 127.0.20.1	Skip duplicated IP						
IP Range End : 127.0.20.1							
Includes the following special IP	r: [] 255 (Broadcast)						
Virtual COM and I/O Port Mappir	ngs						
COM Port : COM11 -	COM Port : COM11 -						
Fixed baudrate, use current settings of servers.							
Maps virtual COM ports to "Port I/O" on servers.							
	OK Cancel						

(4) You will see virtual com port: COM11, COM12, but it can't be opened now.

Click "tool"/"Restart Driver" to restart VxComm driver.

Open com port to connect your device.

(In this case, COM11 is RS-485, COM12 is RS-232 of GRP-520.)

of VxComm Utility [v2.12.0	🖉 ¥xComm Utility [v2.12.00, Mar.07, 2013]								
<u>File S</u> erver <u>P</u> ort <u>T</u> ools									
G.System In	formation river	Configure Server				Configure Port			
driver & utility		Servers			Port	Virtual COM	Baudrate		
Where remote server the terms to become part of your PC	GRP-52	0 (127.0.20.1)	I		Port I/O Port 1	Reserved COM11	N/A Dynamic		
Add Server(s)					Port 2	CUMI2	Dynamic		
Remove Server									
🥑 Web		1	1						
	Name	Alias	IP Address	Sub-ne	t Mask	Gateway	MAC Add	ress	
Search Servers	FCM-MTCP	iDCS-8830	192.168.0.4	255.25	5.255.0	192.168.0.25	4 00:0d:e0	:d0:75:2e	
	GRP-520	GRP-520	127.0.20.1	255.25	5.255.255	127.0.20.1	ff:ff:7f:00	:14:01	
Configuration (UDP)									
Exit									
	<								
Status: OK									

Q03: How to share 3G network of GRP-520 to 3 XPac8000 (or other device)?

A03: The architecture shows as below, please follow the steps to setup GRP-520.



1. Please configure the Ethernet of XPac8000 as:

IP=192.168.0.10 ~ 12

Mask="255.255.0.0"

gateway = "192.168.27.51"

2. Set the Ethernet IP of GRP-520.

Information						
<u>Device Info</u> <u>Network Info</u>		Ethernet				
Storage Info		Mode	Static 💌			
Network	-	IP Address	192.168.27.51			
<u>2G/3G</u>		Mask	255.255.0.0			
<u>DNS</u> DDNS		Gateway				
DHCP Server		Modify				
<u>Routing</u> <u>Port Mapping</u>						

3. Set Pin code of your SIM card, and Enable "Auto-Dialing" function.

Set "User Name" and "Password" if your SIM card need it.

Press "Modify" to save

<u>Device Info</u> <u>Network Info</u>		2G/3G Configure				
Storage Info	PIN Code					
Network Ethernet	Phone Number	(1)				
<u>2G/3G</u>	APN	internet (2)				
<u>DNS</u>	User Name	(2)				
<u>DHCP Server</u>	Password	(2)				
Port Mapping	Auto-Dialing	✓ Enable				
<u>Diagnostic</u>		Modify				
Process <u>System</u> <u>User</u>	(1):usually use *99# or *99** (2):please ask your SIM Car	(1):usually use *99# or *99***1# (2):please ask your SIM Card provider				

4. Set routing rule to share 3G network. This setting will share 3G network to IP address from 192.168.0.0~192.168.0.255.

Press "Modify"						
<u>Device Info</u> <u>Network Info</u>		ROUTING Rule				
Storage Info	Rule NO.	IP		Mask	Target	
Network	0	192.168.0.0]	24 💌	ppp0 💌	
<u>2G/3G</u>	1			~	~	
<u>DNS</u> DDNS	2			~	~	
DHCP Server	3]	~	~	
<u>Routing</u> Port Mapping	4]	~	~	
<u>Diagnostic</u>	5			~	~	
Process	6			*	*	
<u>System</u> <u>User</u>	7]	~	~	
System	8]	~	~	
<u>Password</u> Reboot	9]	~	~	
Backup/Restore		<u>.</u>	Modify			

5. Please reboot GRP-520 to enable settings. (you can reboot from the web or the power source)



6. After rebooting, these three XP-8000 can link to Internet via 3G network of GRP-520.

Q04: How to make Modbus/TCP to Modbus/RTU over 3G, and Card Reader Monitor Application?

Virtual Com over 3G **RS-232** Card Reader VxComn 3G/2G Internet **RS-485** VxServer Software **Fix IP Server** M-7017 **Modbus TCP to** PLC **GRP-520 Modbus RTU Remote IO Control Control Center** over 3G

A04: The architecture shows as below, please follow the steps to setup GRP-520.

Please connect your device (M-7017 or PLC) to RS-485 of GRP-520.
 Baudrate of Modbus device is 9600 bps, data format is 8N1 (Data bits, Parity, Stop bits).
 Baudrate of Card Reader is 115200 bps

2. If you never use VxServer, please refer the link as below:

http://m2m.icpdas.com/VxServer.html

you need download VxServer software and VxComm software, and install it on your control center

3. Set Pin code of your SIM card, and Enable "Auto-Dialing" function.

Set "User Name" and "Password" if your SIM card needs it.

Press "Modify"

<u>Device Info</u>						
<u>Network Info</u>		2G/3G Configure				
<u>Storage Info</u>	PIN Code	••••				
Network Ethernet	Phone Number	*99***1# (1)				
<u>2G/3G</u>	APN	internet (2)				
<u>DNS</u> <u>DDNS</u>	User Name	(2)				
<u>DHCP Server</u>	Password	(2)				
Port Mapping	Auto-Dialing	☑Enable				
<u>Diagnostic</u>		Modify				
Process	(1):ueualk/ueo *99# or *99***	(1);ueualkuee *00# or *00***1#				
<u>System</u> <u>User</u>	(2):please ask your SIM Carc	l provider				

4. Enable "3G/GPRS Reconnection" function to keep your 3G/GPRS network always online (usually, ISP will disconnect your connection once every 1~3 days).

Generally, you can set the Server IP as your server's IP or google's DNS server IP (8.8.8.8). If

you use MDVPN, please set the Server IP as your Server IP that doesn't deny ICMP service (Ping).

Press	"Modif	y"	after	you	finish	all	settings	
II =		11	_					

Network Info		
<u>Storage Info</u>		3G/GPRS Reconnection
Network	Server IP	8.8.8
<u>Ethernet</u> <u>2G/3G</u>	Max. Retry	10
<u>3G/GPRS</u> Reconnection	Interval Time	30
<u>DNS</u>	Timeout	50
<u>DHCP Server</u>	Enable Funcion	C Enable
<u>Routing</u>	Alive	True
<u>Port Mapping</u> Diagnostic	Firmware Version	v1.1.1 2014/01/13
System		Modify
<u>Password</u>	(1):This function will run im	mediately after you press "Modify" button
<u>Reboot</u> <u>Reboot Timer</u> 	(2):GSM module will be re (3):System will reboot after	set after Max. retry GSM module reset 100 times
Destaur Destaure		

5. Configure VxServer Function.

Set "Server IP" and "Server Port", the default port number is "11000".

For Card Reader:

Please just set Port2 (RS-232) as default value.

For Modbus RTU device:

Please configure as below

Click "Enable Function" to enable VxServer function.

Press "Modify", and GRP-520 will try to connect to server.

If "Alive" field is not "True" (Green color), it mean VxServer function fail. Please check your settings again.

<u>Device Into</u>	Virt	tual COM Function (Vx	Serveri			
<u>Storage Info</u>	Server IP	192.168.27.67				
Network	Server Port	11000	default=11000			
<u>2G/3G</u>	Heartbeat Time	10	10~65535 seconds			
<u>3G/GPRS</u> Reconnection	Device ID	1	1~255, unique ID for device			
DNS	Alias	GRP-520	Max. Length = 8			
<u>DHCP Server</u>	Time Interval	50	1~5000 ms, default=50			
<u>Routing</u>	Data Length	1000	10~1000 bytes, default=1000			
Diagnostic	Modbus TCP to RTU (Port1)	True COM2 of GRP-520> TCP Port 10001				
System	Modbus TCP to RTU (Port2)	False 🛩 COM3 of GRP-520> TCP Port 10002				
<u>Reboot</u>	Default Baudrate (Port1)	9600 🔽 bps				
<u>Reboot Timer</u>	Default Baudrate (Port2)	115200 💌 bps				
Restore Factory	Default Format (Port1)	🛛 🛛 🛛 (Data bit, Pari	ty, Stop bit)			
<u>lime</u> Svstem Service	Default Format (Port2)	🛛 🛛 🖌 (Data bit, Pari	ty, Stop bit)			
VxServer	Enable Funcion	Enable				
<u>VxServer</u>	Alive	True				
Web Ver:1.1.0	Firmware Version	V1.01 2014/01/29				
2013/12/26		Modify				
	(1)Heartbeat Time: if this value (2)Virtual IP: please set it diffe	e is small, it is sensitive erent from other virtual	e to detect network disconnected COM device			

6. Please reset your device and un-plug your Ethernet from GRP-520, it will dial-up in 60 seconds, and then it will connect to your control center.

🎸 🗸 🖋	erver Ver1.01 B1 20)12/04/20								
<u>S</u> etti	ngs <u>H</u> elp <u>E</u> :	xit								
	Virtual IP	Module	Alias	Com Number	Heartbeat	Remote Client IP	Remote Client Port	Signal Quality		
0	127.0.20.1	GRP-520	GRP-520	2	20	111.80.236.252	59505	37%		
-										
Dat	e / Time	Message								
2013	/03/21 13:01:28	The Remote \	/irtua IP "127.0.20."	1" establishes a new co	onnection. (IP: 111.	80.236.252, PORT: 59505)	I			
2013	/03/21 13:01:06	Server Started	l(Local IP: 61.219.1	67.34, Local PORT: 11	000)					
-										
Server	Iver Started Local IP: 61.219.167.34 Local PORT: 11000 VxComm Driver is running.									

7. After GRP-520 connect to VxServer, please follow steps below:

- (a) Press "Search Servers" button, you will get a device list.
- (b) Click right button of the mouse on GRP-520
- (c) Click "Add Server"
- (d) choose the virtual com port number, and click "OK"

of VxComm Utility [v2.12.0	00, Mar.07, 201	3]						
<u>File S</u> erver <u>P</u> ort <u>T</u> ools								
	P	Configu	ire Server			Configu	re Port	
VxCommenter Where remote series utility Where remote series utility become part of your PC	V×Comm S	Servers			Port	Virtual COM	Baudrate	
Add Server(s)								
🗃 Web (a)	Name	Aliac		Sub-ne	t Mack	Gateway		_
Search Servers	FCM-MTCP	iDCS-8830	192.168.0.4	255.25	5.255.0	192.168.0.25	4 00:0d:e0:d0:75:	2e -
Configuration (UDP)	GRP-520	GRP-520	127.0.20.1	255.25	5.255.255	127 0 20 1 ////.Ping Server	****** 00:14:01	
Exit	(b)			(c)	Diagnostic	erver (UDP)	Π
	<				(0)	Adr Server(>
Status								11

Adding Servers								
IP Range Server Options Port Options								
Server Information Server Name : GRP-520 Get name automatically								
IP Range Start : 127.0.20.1	☑ Skip duplicated IP							
IP Range End : 127.0.20.1								
Includes the following special IP :								
U [Net] V 254 [Gateway] 255	[Broadcast]							
Virtual COM and I/O Port Mappings								
COM Port : COM11 -								
🗖 Fixed baudrate, use current settings	of servers.							
☐ Maps virtual COM ports to "Port I/O" on servers.								
	OK Cancel							

8. You will see virtual com port: COM11, COM12, but it can't be opened.

Click "tool"/"Restart Driver" to restart VxComm driver.

Open com port to connect your device.

(In this case, COM11 is RS-485, COM12 is RS-232 of GRP-520. Please don't open

COM11, because it's Modbus/TCP to Modbus/RTU mode)

of VxComm Utility [v2.12.0	00, Mar.07, 2013	:1						
<u>File S</u> erver <u>P</u> ort <u>T</u> ools								
System In	formation river	Configu	re Server			Configur	e Port	
driver & utility	V×Comm S	ervers			Port	Virtual COM	Baudrate	
Where remote series dences become part of your PC	GRP-52	0 (127.0.20.1)	l		Port I/O Port 1	Reserved COM11	N/A Dynamic	
Add Server(s)					Port 2	COM12	Dynamic	
X Remove Server								
🧉 Web					J			
	Name	Alias	IP Address	Sub-ne	t Mask	Gateway	MAC Addre	ess
Search Servers	FCM-MTCP	iDCS-8830	192.168.0.4	255.25	5.255.0	192.168.0.254	1 00:0d:e0:d	0:75:2e
	GRP-520	GRP-520	127.0.20.1	255.25	5.255.255	127.0.20.1	ff:ff:7f:00:1	4:01
Configuration (UDP)								
Exit								
	1							2
Status: OK								//

9. Now, please open COM12 to read the data from Card Reader.

Using TCP Socket to connect to IP "127.0.20.1" and Port 10001, and then send

Modbus/TCP command that will be convert as Modbus/RTU command, and pass out to

RS-485 bus.

🎸 VxSe	YxServer Ver1.01 B1 2012/04/20									
<u>S</u> ettir	ngs <u>H</u> elp	<u>E</u> xit								
	Virtual IP		Module	Alias	Com Number	Heartbeat	Remote Client IP	Remote Client Port	Signal Quality	
0	127.0.20.1		GRP-520	GRP-520	2	20	111.80.236.252	59505	3 7%	
<u> </u>										
Date	e / Time		Message							
2013/	03/21 13:01:28	1	The Remote	/irtua IP "127.0.20.1"	establishes a new co	onnection. (IP: 111.8	0.236.252, PORT: 59505)			
2013/	03/21 13:01:06)	Server Starte	1(Local IP: 61.219.16/	1.34, Local PORT: 11	000)				
Server S	nery Stated Level IP: 81 319 187 34 Level POET: 11000 McCome Driver is pupping									
onore	Local Local		Locall C		annon to ranning.					





A05: Please follow the steps to setup GRP-520.

1. Set Pin code of your SIM card, and Enable "Auto-Dialing" function.

Set "User Name" and "Password" if your SIM card needs it.

Press "Modify"

н.

	2G/3G Configure								
PIN Code	••••								
Phone Number	*99***1# (1)								
APN	internet (2)								
User Name	(2)								
Password	(2)								
Auto-Dialing	Enable								
	Modify								
(1):ucually uco *00# or *00***	1):ucually uco *00# or *00***1#								
(1).usually use 994 of 99 (2):please ask your SIM Carc	l provider								
	PIN Code Phone Number APN User Name Password Auto-Dialing (1):usually use *99# or *99*** (2):please ask your SIM Card								

2. Enable "3G/GPRS Reconnection" function to keep your 3G/GPRS network always online (usually, ISP will disconnect your connection once every 1~3 days).

Generally, you can set the Server IP as your server's IP or google's DNS server IP (8.8.8.8). If you use MDVPN, please set the Server IP as your Server IP that doesn't deny ICMP service (Ping).

Press "Modify" after you finish all settings

Network Info		
<u>Storage Info</u>		3G/GPRS Reconnection
Network	Server IP	8.8.8.8
<u>Ethernet</u> <u>2G/3G</u>	Max. Retry	10
<u>3G/GPRS</u> Reconnection	 Interval Time	30
<u>DNS</u>	Timeout	50
<u>DDINS</u> <u>DHCP Server</u>	Enable Funcion	🖉 Enable
<u>Routing</u>	Alive	True
<u>Port Mapping</u> Diagnostic	Firmware Version	v1.1.1 2014/01/13
System		Modify
<u>Password</u> <u>Reboot</u> <u>Reboot Timer</u> 	(1):This function will run immediat (2):GSM module will be reset after (3):System will reboot after GSM	ely after you press "Modify" button er Max. retry module reset 100 times
Bestern Bestern		

3. Set routing rule to share 3G network. This setting will share 3G network to IP address from 192.168.27.0~192.168.27.255.

<u></u>				
<u>Storage Info</u>		ROUTING Rule		
Network	Rule NO.	IP	Mask	Taraet
Ethernet	-			
<u>2G/3G</u>	0	192.168.27.1	24 💌	ppp0 🚩
<u>3G/GPRS</u>	1		~	~
<u>DNS</u>	2		~	~
<u>DDNS</u> DHCP Server	3		~	~
Routing	4		~	~
<u>Port Mapping</u> Diagnostic	5		×	~
System	6		~	~
<u>Password</u>	7		~	~
<u>Reboot Timer</u>	8		~	~
Backup/Restore	9		~	~
<u>Time</u>		Modify		
-System Service	L			

4. Set "Port Mapping Rule" to let user access the device behind GRP-520 via the internet. This setting will bind the port of 3G interface to "Target IP:Target Port".

Port 21 of 3G interface \rightarrow 192.168.27.40:21 Port 20 of 3G interface \rightarrow 192.168.27.40:20 Port 1024 of 3G interface \rightarrow 192.168.27.40:1024

Port 1025 of 3G interface → 192.168.27.40:1025

Storage Info		Port Mapping Rule							
Network	Rule NO.	Туре	From	Port	Target IP	Target Port			
<u>Ethernet</u> <u>2G/3G</u>	0	TCP 💌	ppp0 💌	21	192.168.27.40	21			
<u>3G/GPRS</u> Reconnection	1	TCP 💌	ppp0 💌	20	192.168.27.40	20			
<u>DNS</u>	2	TCP 💌	ppp0 💌	1024	192.168.27.40	1024			
<u>DDNS</u> DHCP Server	3	TCP 💌	ppp0 💌	1025	192.168.27.40	1025			
Routing	4	~	~						
<u>Diagnostic</u>	5	~	~						
System	6	~	~						
<u>Password</u> Reboot	7	~	×						
<u>Reboot Timer</u>	8	~	×						
Backup/Restore	9	~	~						
<u>Time</u> System Service				Modify					

Usually, FTP Server need Port 21 and Port 20 for the service, and above Port 1024 (maybe 1024~65535) for "Passive mode".

And please configure your "Port range" of your FTP Server, as below(here is the screen shot of my FTP server):

General				
<u>F</u> TP port:	21]	Com	nection <u>t</u> imeout (in
Max. <u>c</u> onnections:	10	Ma <u>x</u> , connections per I		
<u>W</u> elcome message:	Welcome to Quick 'n Easy FTP Server			
<u>G</u> oodbye message:	Bye			
Startup settingsLogging				
Launch FTP Server at Windows startup				
Automatically activate server at startup				
Startup minimized in systemtray				
-PASV settings				
IP <u>a</u> ddress:	Default		*	
Port ra <u>ng</u> e:	1024] -	1025	

5. Please reboot GRP-520 to enable all settings.