# A-1200 Configuration Utility And Test.

### 1. Click Search button.

e View Help		1						
Device Management	System Setting	Search IP Search	Device Setup Web Browser	Reboot Restore	Firmware Upgrade	Use Ext	ternal Brow After Applic	vser cation Start
M Device Monitor	Status IA Progress Devices List	Jle	3					
TS TFTP Server	NO.	Device Name DSM1	MAC Addre 00-0E-C6-00-	ess DHCF 00-37 Disabl	e 192.168.1	Port 244 5000	Mode Server	Status Idle
- Virtual COM Ports	2							
stem Log								

#### 2. Click Web Browser button.

Device Management	System	Search	h Device Setup	Reboot	Firmware	Use External Browser		
Virtual Serial Port	Setting	IP Search	Web Browser	Restore	Upgrade [	Search	ch After Application Start	
Device Monitor	Status	Idle						
S DHCP Server	Progress Devices List							
S TFTP Server	NO.	Device Name	MAC Addr	ess DHCP	IP	Port	Mode	Status
COM Port Terminal	✓ 1	DSM1	00-0E-C6-00-	-00-37 Disable	192.168.1.244	5000	Server	Idle
_								
	E ADVANCED TECHNOLOGY	SERIAL TO	ETHERNET C	CONVERTER	P/N: AT	C-120	)	
Login								
Login	U	sername adm	iin		—			

Login

#### 3. Log in A-1200 Web page.

Data Baud Rate	9600 🔽			
Data Bits	8		4	
Data Parity	None		1	
Stop Bits	1			
Flow Control	None			
Serial Type	RS485	~		
Network Settings				
DHCP Client	Disable 🗸			
Static IP Address	192.168.1.244			
Static Subnet Mask	255.255.255.0			
Static Default Gateway	192.168.1.1			
Static DNS Server	168.95.1.1			
Connection Type	ТСР			
Transmit Timer	30			
	Please enter an integer bet	ween 10~6	i5535 ms	
Server/Client Mode	Server 🗸			
Server Listening Port	5000			2
	Please enter an integer bet	ween 1024		
Client Destination Host Name/IP	192.168.1.199			
	Please enter host name or 1	(P address		
Client Destination Port	9008		and the second second	
	Please enter an integer bet	ween 1024	∾65535	
		<b>4</b>	í.	
3 Apply	Cancel Reboot	Rest	ore default	

### 4. Add Virtual Serial Port.

	Virtual Port	Network	Virtual Port / N	letwork Configuration	on —	
Virtual Sarial Part	Add	Connect	Connection P	C UDP Remote	Host IP	Remote Host Port
M Device Monitor	Remove	Close	Mode Client	I 192	le Flow Control Packet	15000
DS DHCP Server		Setting	Listen Port	Conr	nect at Windows Start	
TS TFTP Server COM Port Terminal	Status Added	a virtual serial p	port successfully			
- Virtual COM Ports	Port ID Port	Name	Status	Remote IP	Remote Port	
COM2	III CON	12	Idle			

#### 5. Click Setting button.

🚛 AXR2E Configuration Utility	/ v1.6.0						X
<u>File View H</u> elp							
2I 20 ? 🖬 👻							
D Device Management	-Virtual P	ort Network	Virtual Port / N	etwork Configuration		Demote Heat Dat	
Virtual Serial Port	Add	Connect	Connection Pr	C UDP 192 .	168 . 0 . 2	5000	
M Device Monitor	Remo	Close	Client	Enable	e Flow Control Packet		
DHCP Server		Setting	Listen Port		ct at Windows Start		
TS TFTP Server			<u> </u>				
C COM Port Terminal	Status Virtual Se	Added a virtual serial p rial Ports Li <mark>s</mark> t	ort successfully				
Virtual COM Ports	Port ID	Port Name	Status	Remote IP	Remote Port		
COM2	1	COM2	Idle				

### 6. Configuration Virtual Serial Port.

RE AXR2E Configuration Utility	v1.6.0					- 🗆 X
<u>File View H</u> elp						
<u>21</u> 20 9 🖬 👻						
D Device Management	Virtual Port	Network	-Virtual Port / Network Co	onfiguration		1
V Virtual Serial Port	Add	Connect	Connection Protocol	Remote Host IP 192 . 168 . 1 . 244	Remote Host Port	
M Device Monitor	Remove	Close	Mode     Client	Enable Flow Control Packet	ĺ	
DHCP Server		ОК	C Server	Connect at Windows Start		
TS TFTP Server						-
COM Port Terminal	Status Addee	1 a virtual serial p orts List	port successfully			1

## 7. Then Click OK, and Click Connect button.

D Device Management	Virtual P	Network	Virtual Port / Ne	twork Configuration	1	
	Add	Connect	Connection Pro	tocol Remote	Host IP	Remote Host Port
V Virtual Serial Port	-		Mode	192 .	168 . 1 . 244	15000
M Device Monitor	Remo	Close	Client	🗖 Enabl	e Flow Control Packet	
		1	C Server	Conni	ect at Windows Start	
DS) DHCP Server		Setting	Listen Port			
TS) TFTP Server						
	Status	Connected to remote ho	ost 192.168.1.244	@5000		
COM Port Terminal	Virtual Se	rial Ports List		X****		
		Port Name	Status	Remote IP	Remote Port	
- Virtual COM Ports	Port ID					

8. Use Modbus Slave test it through virtual serial port communicate with a PLC master station which using modbus RTU protocol.

	Virtual Se	rial Ports List				
tual COM Ports COM2 (192.168.1.244	Port ID 1	Port Name COM2	Status Connected	Remote IP 192.168.1.244	Remote Port 5000	
m Log Time 2016-12-1 2016-12-1 0 1 2 3 4 5 6 7 8	bus Slave - I dit Connect Connect Slave1 : F = 01 nnection Ali	Mbslave1 tion Setup Display as Connection Se Connection Serial Setting ASIX Virtual 9600 Baud 8 Data bits None Parity 1 Cure Da	View Window	Help	23 DK ancel	

#### 9. It running well.

	Alias	00010	Δlias	00020	-
0				0	
1				0	
2				0	
3				0	
4					
5					
6		1			
7		0			
8		0			
9		0			

10. Use Modbus Poll test it through virtual serial port communicate with a I/O module slave station which using modbus RTU protocol.

□ Virtual CC	M Ports	Port ID	Port Name	Status	Remote IP	Remote Port
COM2	(192.168.1.244		COM2	Connected	192.168.1.244	5000
<ul> <li>CON12</li> <li>iystem Log</li> <li>No</li> <li>1</li> <li>2</li> <li>2</li> <li>2</li> </ul>	122.100.1.244           Image: Modbus Poll           File         Edit           Com         Image: Second	· Mbpoll1 nection S : ID = 1: F	tion Setup al Port Lisetings	Connected	192.168.1.244	
	3 4 5 6 7		X Virtual Senal Port [CUM2] 端口 (COM1) XVirtual Senal Port (COM2) 42 45 45 46 47 48 47	-	Mode RTU ASCII Response Timeout 200 (ms) Delay Between Polls	

11. It running well.

e Edit Conne	Vibpoli1 action Setup F	unctions Display	View Windo	w Help		
	× ITI L à	几 05 06 15	16 17 22 23	TC 🗐 🤋	₩?	
Albeell1		1 1		1 1 1		
x = 22. Err = 0	. ID = 1 · E = 01	SB = 1000me				<u>a</u>
λ - 22. LΠ - 0	. 10 - 1.1 - 01.	51( - 1000ms				
A	Alias	00000	Alias	00010		-
0		1		0		
1		0		0		
2		0		0		
3		0		0		
4		0		0		
5		0		0		
6		0				
7		0				
8		0				
9		0				
Communicat	ion Traffic					×
Exit	Stop	Clear Sav	e <u>C</u> opy	Log	Stop on Erro	r 📃 <u>T</u> ime stamp
$ \begin{array}{c} \mathbf{R}_{x}: (07-01 \ 01 \ 02 \ 00 \ 07 \ \mathbf{R}_{x}: (08-01 \ 01 \ 02 \ 07 \ \mathbf{R}_{x}: (08-01 \ 01 \ 02 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 02 \ 01 \ \mathbf{R}_{x}: (01-01 \ 01 \ 01 \ 01 \ 01 \ 01 \ 01 \ 01$	00 B9 FC 00 10 3D C6 00 89 FC 00 10 3D C6 00 89 FC 00 10 3D C6 00 89 FC 00 10 3D C6 00 10 00 00 00 00 00 00 00 00 00 00 00 0					