SF-NC602 2-Port Serial Device Server

Key Features

➢ 10/100M auto-sensing Ethernet
➢ 2 serial ports supporting RS-232/422/485
➢ Built-in 15 kV ESD surge protection for all serial signals
➢ Supporting modes: TCP realport/UDP realport/ Multi screens TTY/PPP dialout/PPP daemon/Line printer daemon/MCP/ Simple UDP/Group realport
➢ Configure via Telnet/Web
➢ Wide DC Input Range (DC5/12/24/48V)option
➢ Dimension(mm):112(L)X77(W)X25(H)

Product Introduction

The SF-NC600 is a serial port devices connected to the ability of serial ports connected to the server, for the RS232/422/485 serial port types with 10 /100M Ethernet, can centralized manage the dispersed serial devices, the host through the network and make them are simple,convenient. Support HTTP, TCP, UDP, ARP, ICMP, DNS and DHCP protocol, supports Windows Native COM and network interruption automatically restore and connect. In addition, powerful management configuration tool based on Windows platform and the WEB management interface, step by step to guide users to supervise and control the equipment configuration, all the equipments can be achieved through the network or serial port, supported the gateway, routing the communication, easy to set up the IP address, Server and Client mode, packet size etc. Through a simple setting can be achieved a serial port devices connected to the Internet immediately.

Ordering Information

SF-NC602   Port 2 Serial Device Server

Model NO.	Description
SF-NC602	2xRS232,1x10/100M Ethernet port 2-port RS232 Device Server,15 KV ESD protection RS232 is RJ45 interface
SF-NC602-1M	1xRS232,1xRS422/485,1x10/100M Ethernet port 1-port RS232,1-port RS422/485 Device Server,15 KV ESD protection R232/422/485 is RJ45 interface

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SF-NC602-2M	2xRS422/485,1x10/100M Ethernet port 2-port RS422/485 Device Server,15 KV ESD protection RS422/485 is RJ45 interface
SF-NC602-2MD	2xRS422/485,1x10/100M Ethernet port 2-port RS422/485 Device Server,15 KV ESD protection RS422/485 is terminal interface
SF-NC602-2MDI	2xRS422/485,1x10/100M Ethernet port 2-port RS422/485 Device Server with Optical Isolation,15 KV ESD protection RS422/485 is terminal interface
Notes	DC 5V/12V/24V/48V Power supply, you can choose
	30cm RJ45 to DB9,You can choose
	RS232/422/485 is RJ45 or Terminal Interface

Product parameters

Items	Description
Model	SF-NC602 Series
CPU	32bit,100 MHZ
Memory	2M
Ethernet interface	Number of Ports:1
	Speed: 10/100 Mbps, auto MDI/MDIX
	Connector:8-pin RJ45
	Magnetic Isolation Protection: 2.4 kV built-in
	Default IP address:192.168.0.233
Serial interface	Number of Ports:2
	Connectors: RJ45 or Plug-in terminal
	Serial Signal: RS-232:TxD/RxD/RTS/CTS/DTR/DSR/DCD/GND RS422: Tx+, Tx-, Rx+, Rx-, GND RS-485-4w: Tx+, Tx-, Rx+, Rx-, GND RS-485-2w: Data+, Data-, GND
Serial Communication Parameters	Data Bits: 5, 6, 7, 8
	Stop Bits: 1, 1.5, 2
	Parity: None, Even, Odd, Space, Mark
	Flow Control: RTS/CTS and DTR/DSR (RS-232 only), XON/XOFF
	Baudrate: 300bps to 460.8 kbps
Serial Line Protection:	5 kV ESD protection for all signals
	Terminator for RS-485: 120 Ω
	Network Protocols: ICMP, IPv4, TCP, UDP, DHCP, BOOTP, Telnet, DNS, SNMP V1, HTTP, SMTP, SNTP, Rtelnet, ARP
	Configuration Options: Web Console, Telnet Console, Windows Utility
	Operating Mode: TCP realport,UDP realport,Multi screens TTY,PPP dialout,PPP

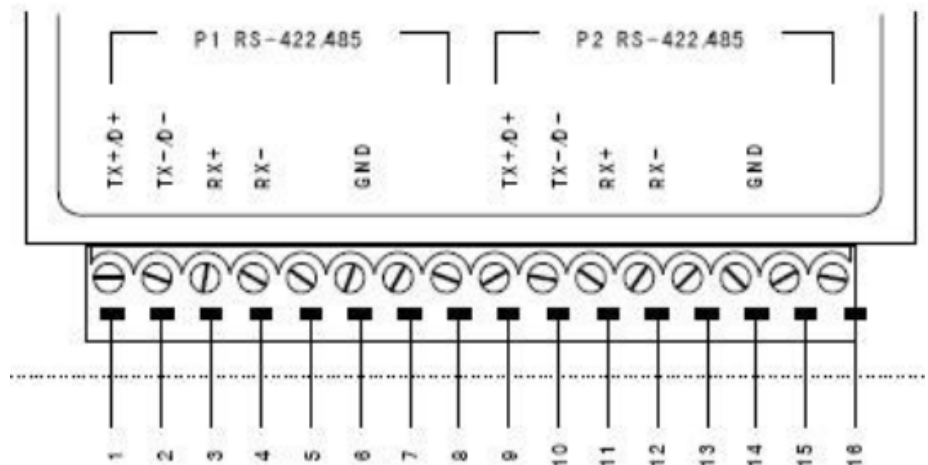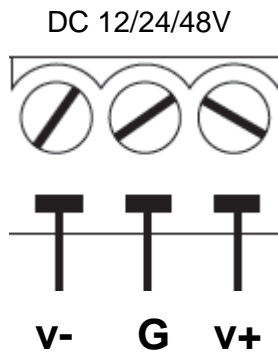| Software	daemon/Line printer daemon/MCP/ Simple UDP/Group realport
	Windows Real COM Drivers: Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1 (x86/x64), Windows 2008 R2/2012/2012 R2 (x64), Windows Embedded CE 5.0/6.0, Windows XP Embedded Linux Real TTY Drivers: Linux 2.4.x, 2.6.x
Physical Characteristics	Housing: Meta
	Dimensions: Without mounting kit: 112 x 77 x 25 mm With mounting kit: 112 x 100 x 25 mm
Environmental Limits	Operating Temperature: Standard Models: 0 to 55°C (32 to 131°F) Wide Temp. Models: -40 to 75°C (-40 to 167°F)
	Storage Temperature: -40 to 75°C (-40 to 167°F)
	Ambient Relative Humidity: 5 to 95% (non-condensing)
Power	Input Voltage: 5 /12/24/48VDC, Default:DC5V/2A
Warranty	5 years

Pin Assignment:

RJ45   Connector
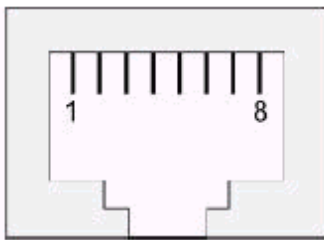
RJ45	RS-232	RS-485 HALF	RS-485 FULL	RS-422
1	TxD	DATA+	TxD+	TxD+
2	RxD	DATA-	TxD-	TxD-
3	RTS		RxD+	RxD+
4	CTS		RxD-	RxD-
5	DSR			
6	GND	GND	GND	GND
7	DTR			
8	DCD			

Plug-in terminal

Power Assignment:

DC 12/24/48V

v-   G   v+

Dimension:

Unit : mm

DC IN   Reset 10/100M
Etherent

100M
Link/Act
Ready
P1
P2

NC602

Commercial RS232/422 485
IO Server

P1   P2

112

25

25

77

87

100
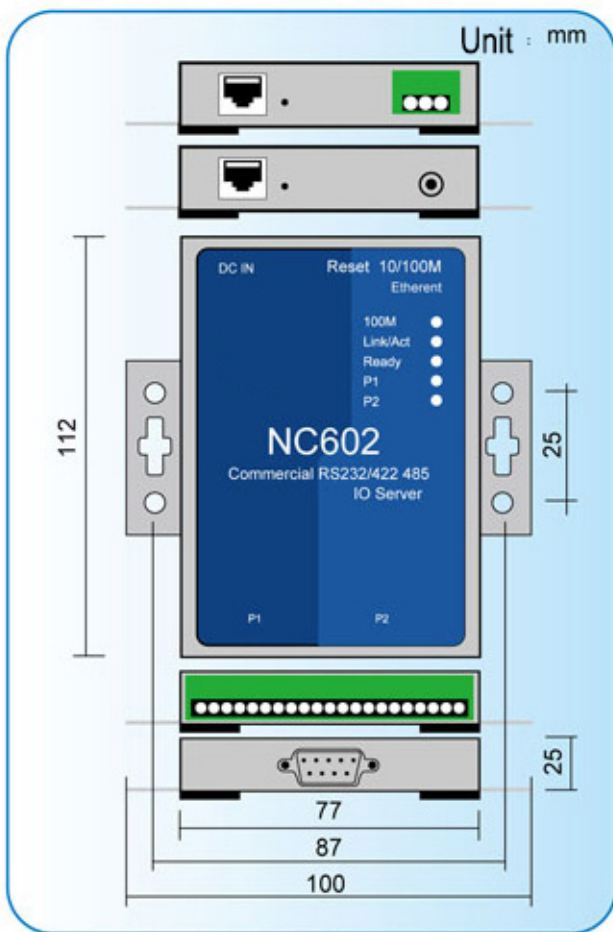
Package Checklist

- ➢ SF-NC600 serial device server
- ➢ DC5V to 220AC power adapter(option)
- ➢ DB9 Cable(option)
- ➢ Documentation and software CD