

SF-NC601 1-Port Serial Device Server



Key Features

- 10/100M auto-sensing Ethernet
- 1 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 (DC5-12V)option
- Dimension(mm):74.5(L)X56(W)X23(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-NC601 Port 1 Serial Device Server

Model NO.	Description
SF-NC601-A	1xRS232,1x10/100M Ethernet port 1-port RS232 Device Server,15 KV ESD protection
SF-NC601-B	1xRS232/422/485,1x10/100M Ethernet port 1-port RS232/422/485 Device Server,15 KV ESD protection
Power	DC 5V/12V Power supply, you can choose
Serial Interface	DB9 male

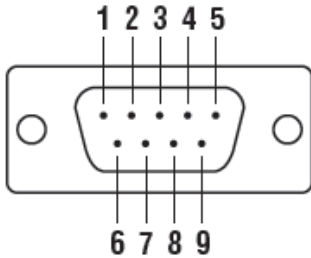
• Product parameters

Items	Description
Model	SF-NC601 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:1
	Connectors:DB9
	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
Serial Line Protection:	Baudrate: 300bps to 460.8 kbps
	5 kV ESD protection for all signals
Software	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 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: 74 x 56 x 23 mm With mounting kit: 74 x 82 x 23 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 or 12 VDC, Default:DC5V/2A

Warranty	5 years
----------	---------

Pin Assignment:

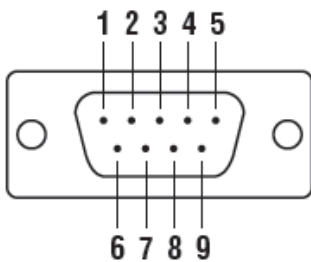
RS-232, DB9 male connector



RS232 Defining

PIN	Defining	I/O	Function
1	DCD	Output	Data Carrier Detect
2	RXD	Output	DATA Receive
3	TXD	Input	DATA Send
4	DTR	Input	Data Terminal Ready
5	GND		Signal Ground
6	DSR	Output	Data Set Ready
7	RTS	Input	Request To Send
8	CTS	Output	Clear To Send
9	RI	Output	Ring Indicator

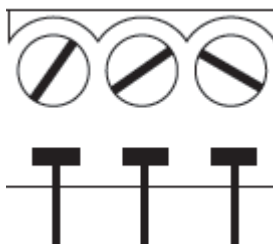
RS-422/485, DB9 male connector



PIN	RS232	RS-422/RS-485-4w	RS-485-2w
1	DCD		
2	RXD	TXD-	DATA-
3	TXD	TXD+	DTATA+
4	DTR		
5	GND	GND	GND
6	DSR		
7	RTS	RXD+	
8	CTS	RXD-	
9	RI		

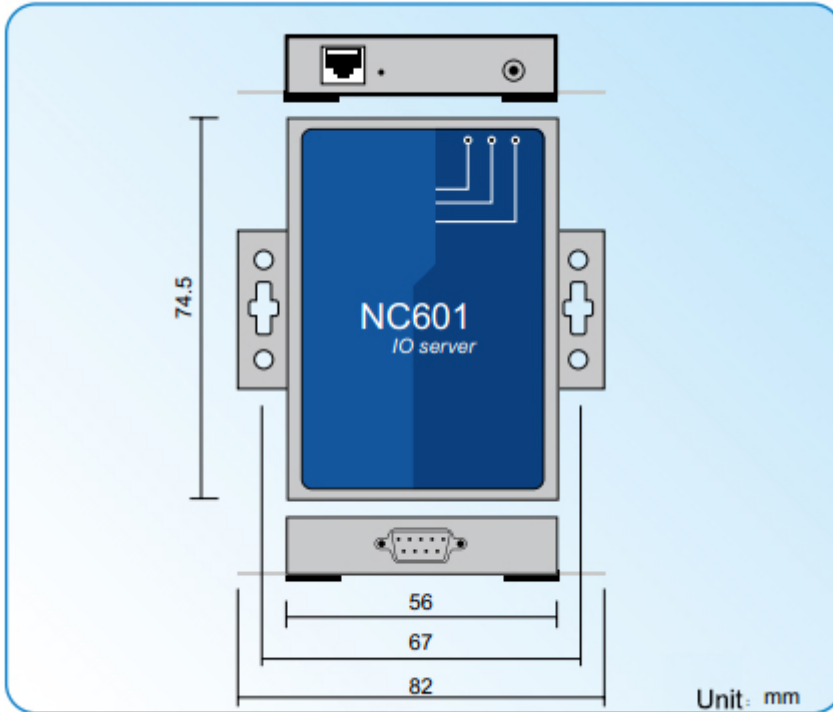
Power Assignment:

DC5V or 12V



v- v+ G(connect to land)

Dimension:



Package Checklist

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