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Connecting. Converting. Leading !

## Dual port Serial to Ethernet Converter. Model SC10EK2



SAN offers a full line of Serial to Ethernet converters, allowing access of Serial (remote) devices like Access Controllers, Fire Alarm panels, Industrial Automation products etc. to be connected on LAN or to allow Ethernet connectivity to your legacy serial device

Run Serial port long distance over LAN network or with Virtual COM port utility connect Protocol independent Serial devices over LAN.

SC10EK2 supports 3 Power supply Inputs options, 24V DC or 230V AC Adapter or PoE input

### Hardware

CPU : 32-bit ARM Cortex-M4 CPU, 120 MHz  
RAM : 256K bytes SRAM  
ROM : 1 MB Flash ROM

### Ethernet \* 1

Port Type : 1 port. RJ45 Connector  
Speed : 10 / 100 Mbps (Auto Detect)  
Protocol : ARP, IP, ICMP, UDP, TCP, HTTP, DHCP  
Mode : TCP Server / TCP Client / UDP / Virtual Com  
Setup : HTTP Browser Setup (IE)  
Security : Login Password  
Protection : Built-in 1.5KV Magnetic Isolation

### Serial Ports \* 2

Port : RS-232\*1 Port (DB9), RS422/485\*1 (Screw type) Port.  
Speed : 300 bps to 230 Kbps  
Parity : None, Odd, Even, Mark, Space  
Data Bit : 5, 6, 7, 8  
Stop Bit : 1, 2  
Port 1 : RS232 Pins : Rx, Tx, GND, RTS, CTS  
Port 2 : RS422 Pins : Rx+, Rx-, Tx+, Tx- (Surge Protected)  
          : RS485 Pins : Data+, Data- (Surge Protected)  
Built-in RS-422 / RS-485 pull high / low Resistor  
15KV ESD protection for all signals

Digital I/O : 16 TTL  
Watch Dog Function  
Configuration Utility : Support Win8, Win7, Vista, WinXP, Win2003 Server, Win10  
Virtual Com : Support Windows 2000/2003/XP/Vista/Win7/Win8/Win10

Power : Three Power Input options  
          : 24V DC, 2 Pin Screw type Terminals or  
          : DC 9 to 24 V, 300mA@12VDC, RCA jack for External AC Adapter or  
          : PoE Power Input Optional

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LED Indications : SYS (PWR), LAN, Port1, Port2

### Environment

Operating Temperature : -10°C to +70°C  
Storage Temperature : -20°C to +85°C

### Mechanical

Dimension : 92 \* 88 \* 27mm (W\*D\*H) with mounting brackets  
Weight : 100gm  
Mounting : Din Rail and Panel mounting options

MTBF : 70,128 hours

### Model Code Selection : SC10EK2 P

SC10EK2 : Base Code for 2 Port Serial to Ethernet Converter  
: Dual Power, 24V DC and 230V AC External Adapter  
P : PoE Power Input