



### Features

- Multi Serial interfaces
- Operation Modes : TCP server; TCP client; UDP; Virtual COM; Paring
- Built in 15KV ESD protection for all signals
- Web Browser configuration
- Easy installation Windows utility
- Watchdog function
- Support 1x Master or 1x Slave only.

### Specification

#### Hardware

CPU : 32-bit ARM-Cortex-M4 CPU , 120 MHz  
RAM : 256K bytes SDRAM  
ROM : 1M bytes Flash ROM  
Watchdog : Built in H/W Watchdog timer

#### Ethernet

Port number : 1  
Port Type : RJ-45 Connector  
Speed : 10 / 100 Mbps ( Auto Detect )  
Protocol : ARP, IP, ICMP, UDP, TCP, HTTP, DHCP  
Mode : 1x TCP Server / 1x TCP Client / UDP / Virtual Com Pairing  
Setup : HTTP Browser Setup (IE, Chrome, Firefox)  
Security : Login Password  
Protection : Built-in 1.5KV Magnetic Isolation

#### Serial Interface

Port number : 2  
Port Type : RS-232 x 1 Port ( DB9 ) ,  
RS-422/485 x 1 Port (selection)  
Connector : Male DB9 / 4-pin Terminal Block  
Speed : 300 bps ~ 230.4 Kbps  
Parity : None , Odd , Even , Mark , Space  
Data Bit : 5, 6, 7, 8  
Stop Bit : 1, 2  
Port 1 RS-232 : Rx , Tx , GND, RTS, CTS  
Port 2 RS-422 : Rx+, Rx-, Tx+, Tx-  
RS-485 : Data+, Data-  
Built-in : RS-422/485 pull high / low Resistor  
Protection : 422/485 Surge & Over Current Protection  
Built in 15KV ESD protection for all signals

#### Software Features

OS Supported : Support Win-8, Win-7, Vista, Win-XP, Win-2003 server, Win-10  
Configuration : Window Utility, Web Browser  
Product specifications are subject to change without notice

**LED** SYS (PWR), LAN, PORT 1, PORT 2

#### Power

Input: DC 9 ~ 24V, 300mA@ 12VDC  
Consumption < 4W

Weight: 95 gm

Dimensions: 110x90x26 mm ( WxDxH ), include side wings for ding rail.

#### Environment

Temperature : Operating: -10°C ~ 70°C (14°F ~ 158°F)  
Storage: -20°C ~ 80°C (-4°F ~ 176°F)

Humidity : Operating: 10% ~ 95% non-condensing  
Storage: 5% ~ 95% non-condensing

#### Regulatory Approval

FCC Part15 Class A  
CE EN55022 Class A, EN55024  
RoHS Compliance

**Warranty:** 1 Year

### Applications

