ATC *ADVANCED TECHNOLOGY*

Product Features

- Using FTDI Chipset for industrial field
- Computer interface: USB 1.1 2.0 Plug and Play.
- Operational system virtual serial port driver support.
- Field Interfaces:RS-232,RS-422,RS-485 Half Duplex , Automatic flow control for RS485 Half Duplex.
- Supports Windows 98/ME/XP/2000//7/8/CE/Vista, MAC &Linux 2.4.20 or superior.
- Maximum number of devices in the RS485 network: Half Duplex to 32 devices
- LEDS for indicating USB and TXD/RXD activity
- 15 KV ESD protection for all serial ports handshake line.600W surge protect for TXD,RXD signal
- Isolation voltage 3500VRMS 500VDC sequence

Specifications

Serial Interface			
Data Rates	RS232 from 300 bps to 460.8Kbps. RS485 from 300 bps to 921.6Kbps.		
Characters	5,6,7,8	**Parity**	Odd, Even, None, Space, Mark
Stop Bits	1, 1.5, 2	**Flow Control**	RTS/CTS, XON/XOFF
I/O Address	Assigned by BIOS	**IRQ**	Assigned by BIOS
FIFO	64 bytes	**Serial Signals**	RS-232: TXD, RXD, RTS, CTS, GND
Connector	DB9Male to RS-232, 6-bit terminal socket to RS-422/485		
Maximum RS-485 cable length	1200 m	**Maximum devices in the RS485 network**	Half Duplex to 32

USB Interface			
Compliance	USB 1.0/1.1 compliant, USB 2.0 compatible		
Connector	USB type A	**Speed**	12 Mbps Full-Speed USB

Indicators (LED)
■ Date Sending / Receiving between Serial and the Ethernet   ■ Power indicator

Serial Line Protection
■ 15 KV embedded for handshake line.600W surge protect for TXD,RXD signal
■ Isolation: Isolation voltage 3500VRMS 500VDC sequence

Environmental Limits			
Power	from the USB port	**Consumption**	<200 mA
USB connection	1m USB-A to USB-B cable	**Metal case size**	105x85 x27 mm
Operating Humidity	5 to 95% RH	**Storage Temperature**	-20 to 70°C (-4 to 158°F)

Driver Support
Windows (2000, XP x86/x64, 2003 x86/x64,Vista x86/x64,win7,win8), WinCE 6.0, Linux 2.6 x86/x64