

RS232 to RS422/485 Converter

Model: RS200C



Features:

- RS232 Input option: DB9 or RJ11.
- RS485/RS422 output option: terminal or RJ11.
- RS232 to RS485 or RS232 to RS422 conversion.
- Four full Duplex wires; two half duplex wires.
- Switch setting for full duplex or half duplex operation.
- Auto Baud Rate Sensing.
- Supports transfer speeds of up to 115.2Kbps.
- Extends up to 4000ft / 1200m (under 100Kbps).
- Support up to 32 units to be set in RS485 multi drop installations.
- LEDS indications for power and signal status monitoring.
- Over current protection when 2 signals are shortened together at the RS422/485 end.
- Surge Protection 16KV ESD.
- Built in termination resistors.
- Power supply included.

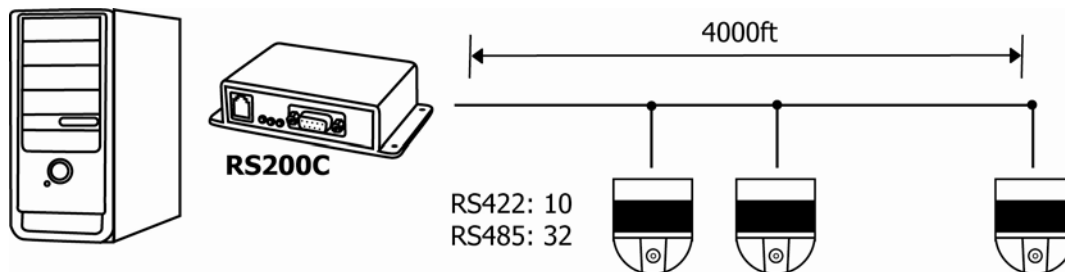


Front



Rear

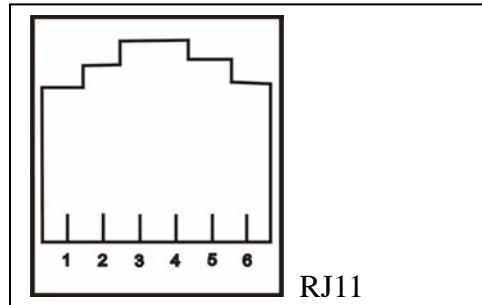
Wiring Diagram:



RJ11—R422
 1.TX-
 2.TX+
 3.x
 4. GND
 5.RX-
 6.RX+

RJ11—RS485
 1.TX/RX
 2.TX/RX
 3.x
 4. GND
 5.
 6.

RJ11—RS232
 1.x
 2.GND
 3. TX
 4. RX
 5.GND
 6.



RS232 PIN Assignment		
PIN 1	DCD	Data Carrier Detect
PIN 2	RXD	Receive Data
PIN 3	TXD	Transmit Data
PIN 4	DTR	Data Terminal Ready
PIN 5	GND	Chassis Ground
PIN 6	DSR	Data Set Ready
PIN 7	RTS	Request to Send
PIN 8	CTS	Clear to Send
PIN 9	RI	Ring Indicator

Specification:

Model Number	RS200C
RS232 Input / RS422/485 Output	RJ11/12 Connector or DB9 / Terminal or RJ11/12 Connector
Signal Output	2-wire half-duplex RS485 or 4-wire full-duplex RS485/RS422
LEDS	Power(RED), TX-485(GRN), TX-RS232(GRN), RX-RS232(GRN), DTS(GRN), RTS(GRN)
Transmission Range	4000ft / 1200m
Data Rate	Up to 115.2Kbps
Operating Temperature	0°C ~ 65°C
Operation Moisture	10~90%
Power Consumption	5V DC 300mA
Power Supply	5V DC 300mA Regulated
Dimensions W x H x D mm	108 x 74 x 27mm

FCC

CE

C-TICK