

### Product Features

- Utilizes globally available 2.4 GHz ISM band
- Control and Configuration with UART commands.
- 65535 unique node addresses, IDs allow multiple large networks to coexist.
- Programmable Transmit Power Output, max. 12 dBm
- Complete IEEE 802.15.4 spec compliant
- Typical Receiver Sensitivity -102 dBm
- Typical Throughput rate 250,000 bps
- Obstructed signal range to 500 meters @ 12dBm/PA and -102dBm/LNA
- Multiple Low Power Operating modes
- 3-in-1 RS-232/422/485 interface Max.115.2Kbps Serial interface and zigbee.
- Supports 4- and 2-wire RS-485 with AUTO-SEND™ and built-in terminator
- Supports industrial 24 VDC power input and optional Power over Serial
- Terminal block accessories for easy RS-422/485 serial wiring
- Easy and powerful configuration program
- Approval CE. RoHS



### Product Description

The ATC-3200 is a cost effective and highly integrated Serial-to-Zigbee wireless Converter. Built on ZigBee technology, the ATC-3200 is ideal for a range of applications from simple RS-232 cable replacement to sophisticated multi-drop RS-485 networks and everything in between. Available in RS-232/RS-422/RS-485.

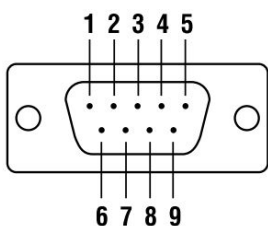
ZigBee is the global wireless language connecting dramatically different devices to work together and enhance everyday life. The ZigBee Alliance is a non-profit association of more than 280 member companies driving development of ZigBee wireless technology. The Alliance promotes world-wide adoption of ZigBee as the leading wirelessly networked, sensing and control standard for use in energy, home, commercial and industrial areas.

### Product Application

- Wireless remote control
- Automatic data acquisition systems
- Meteorology and hydrology monitoring
- Building automation
- Personal area network
- Gate safety check on work attendance
- POS system
- Wireless monitoring of machine room facilities;
- PC peripherals

### Pin Assignment

RS-232 DB9 (Male)



PIN	RS-232
1/4/6/9	-
2	RXD (in)
3	TXD (out)
5	GND
7	CTS (out)
8	RTS (in)

RS-485/232 6-pin Terminal block

1	2	3	4	5	6
485+ (T+)	485- (T-)	R+	R-	VCC (9~32VDC)	GND

