WIRELESS CONNECT
ADD WIRELESS TO ANY CNC

FEATURES AND BENEFITS:

- Link any Serial or Ethernet device to IEEE 802.11a/b/g/n network
- Matches the baud rate of your machine via RS232 transmissions
- Web-based configuration using built-in Ethernet or WLAN
- Enhanced surge protection for serial, LAN, & power
- Remote configuration with HTTPS & SSH
- Secure data access with WEP, WPA, & WPA2
- Lifetime warranty for device
- Dual power inputs: 1 screw-type power jack & 1 terminal block
- Complete kit with cabling and setup guide.
- Includes external wireless antenna to enhance signal for device mounted inside of a machine cabinet

OUR SOLUTION:

The Wireless Connect 1 and 2 port devices are the ideal choice for connecting your serial or Ethernet devices, such as CNC, PLC, and sensors, to a wireless LAN.

Your communications software will be able to access the serial devices from anywhere over a wireless LAN. Moreover, the wireless device servers require fewer cables and are ideal for applications that involve difficult wiring situations.

802.11A/B/G/N WIRELESS CONNECTIVITY TO SERIAL DEVICES:

Dealing with the hassle and costliness of running network cabling is no longer an issue. Wireless servers are ideal for applications that once involved difficult wiring scenarios.

The Wireless Connect can communicate with any host computer through an access point, or with another Wireless Connect located up to 300 feet away.

OFF-LINE PORT BUFFERING AND SERIAL DATA LOG FOR EACH PORT:

For mission-critical applications, data from the Serial device must not be lost if the wireless connection goes down. The Wireless Connect is designed to continue operating if the wireless connection is disconnected temporarily. When the wireless connection is reconnecting, or if the connection fails, the serial data from the serial device will be queued in the 20 MB port buffer (1 port) or 10 MB port buffer (2 port) built into the device server.

As soon as the wireless connection returns to normal, data stored in the buffer will be sent to its destination. In addition, a serial data log can be enabled for easier troubleshooting. The off-line port buffer for the Wireless Connect is 64 KB per port.

## SECURE REMOTE MANAGEMENT AND CONFIGURATION WITH SSH/SSL:

Unauthorized access is one of the biggest headaches for system managers. In addition to IP filtering and password protection, the Wireless Connect also supports SSH and SSL to protect the Wireless Connect from hackers.

To transmit control messages securely, open the web console using a web browser (Internet Explorer, for example) that supports HTTPS. You may also open the serial or Telnet console, such as PuTTY, using a terminal emulator that supports SSH.

WIRELESS CNC CONNECT HARDWARE LAYOUT

The Wireless Access Point provides a wireless signal for all Wireless CNC Connect Units on the shop floor.

Call 877-611-5825   www.ShopFloorAutomations.com
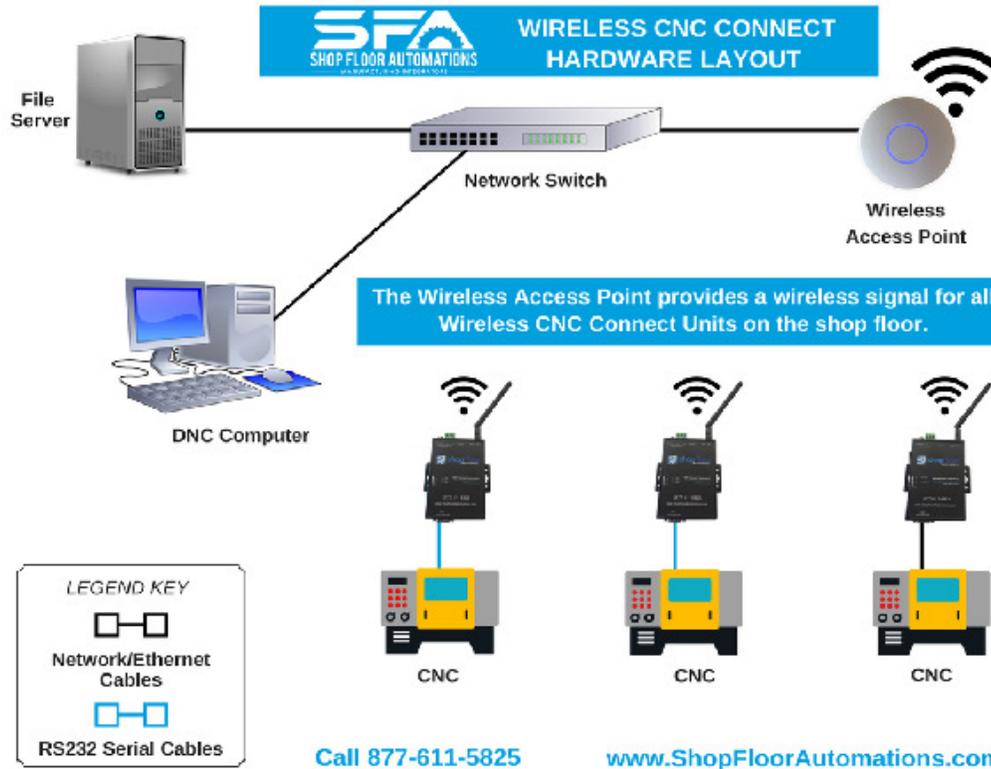
WHAT YOU GET WITH OUR SOLUTION:

Each unit comes in a complete kit with cabling and a set up guide. This is great for users who wish to install on their own and want to be rid of the trial and error of guessing the troubleshooting of how to interface to their equipment. Leverage our experience and the Wireless Connect kit to simplify deployment and error free communication.

DIMENSIONS:

Unit: mm (inch)
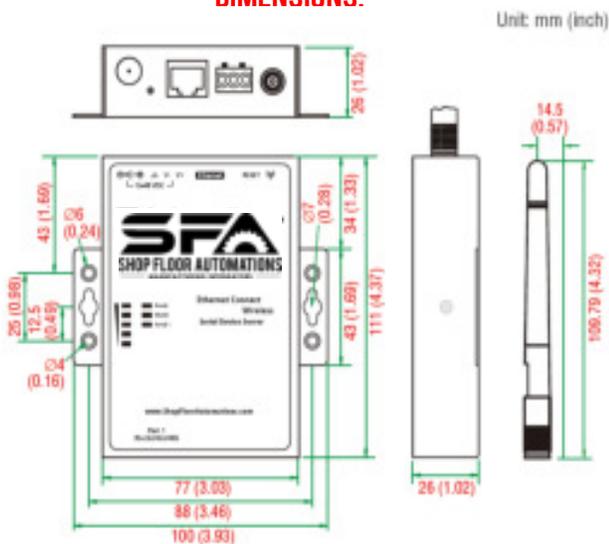
PIN ASSIGNMENT, DB9 MALE:

PIN	RS-232	RS-422/485-4W	RS-485-2W
1	DCD	TxD-(A)	–
2	RxD	TxD+(B)	–
3	TxD	RxD+(B)	Data+(B)
4	DTR	RxD-(A)	Data-(A)
5	GND	GND	GND
6	DSR	–	–
7	RTS	–	–
8	CTS	–	–
9	–	–	–