

# Epson 802.11n/Bluetooth 2.1 Wireless Interfaces

Epson's Connect-It™ wireless interfaces address today's need for highly reliable mobile printing and provide the flexibility you need to use Epson's POS printers how and where you need them without the use of cables.



- Flexible POS printing solutions
- Remote printing at distances up to 328 feet (WiFi) and 33 feet (Bluetooth)
- Advanced security for secure data transmissions
- Increased configuration flexibility
- Fast and easy installation into Epson printers
- Protective covers for use in high-traffic environments

#### Flexible printing and reduced costs

Designed specifically for the wireless POS environment, Epson's 802.11n and Bluetooth® 2.1 + EDR interfaces offer retailers the most flexible POS printing solutions available. With the installation of a wireless interface, Epson POS printers can be accessed remotely from any location within range, eliminating the need for a local POS terminal to drive order and receipt printing. And it brings restaurants and retailers the flexibility to quickly take their Epson printers where their customers are, improving customer service and operating efficiency.

#### Quick installation and ease of use

The 802.11n wireless interface offers a simple, intuitive Windows utility for configuring printers for network operation, while the Bluetooth 2.1 wireless interface boasts easy pairing in seconds through device discovery. Both are easy to set up and printers can be easily moved to where they are needed.

#### 802.11n: Performance and security

The 802.11n wireless interface enables high-performance, up to 64 Mbps wireless communication, for a seamless,

streamlined network. With its dual band frequency, 2.4 GHz/5 GHz, it limits interference in data transmission resulting in a more reliable connection and data transfer environment. WPA2 security at both the personal and Enterprise level ensure secure data transmissions for both encryption and authentication.

#### Bluetooth 2.1: Secure and reliable

At 3 Mbps, Epson's Bluetooth 2.1 wireless interface offers a narrower communication data rate to accommodate close proximity or shorter transmissions. And its built-in Simple Secure Pairing (SSP) security protects unauthorized data transmission occurrences.

#### The leader in POS technology

Epson continues to offer more connectivity options than any other POS printer provider. Epson's Connect-It family of legacy, standard and peripheral connectivity interfaces ensures Epson POS printers are compatible with proprietary systems as well as best-of-breed component-based systems.

## 802.11n (UB-R04) interface features

- Secure remote printing up to 328 feet (100m) via wireless LAN communication
- Versatile dual frequency band of 2.4 GHz/5 GHz for less interference
- Secure WiFi Protected Access (WPA2) security
- Fast and easy installation into Epson printers

## 802.11n interface general information

Data rate	Up to 64 Mbps
Frequency	Dual: 2.4 GHz / 5 GHz
Connector (for setup)	Mini or micro USB
Range	328 ft. (100m)
Compatibility	a/b/g/n
Security	WEP, WPA, WPA2-Personal, WPA2-Enterprise (EAP-TLS)
Status monitoring	ENPC, SNMP
Signal/antenna support	Single Input and Single Output (SISO)
Basic communications protocols	IP, ARP, ICMP, UDP, TCP
Configuration	Windows utility for configuration and printer status reporting
Printing communications protocols	LP, LPR, TCP, Port 9100, OPOS
IP assignment	DHCP, static (via on-board web interface)
EMI standards	FCC Class A, CE
Safety standards	UL, cUL*

## Bluetooth 2.1 + EDR (UB-B03) interface features

- Secure wireless printing up to 33 feet (10m)
- Easy discovery pairing
- Built-in Simple Secure Pairing (SSP) security
- Stable, reliable connection
- Fast and easy installation into Epson printers

## Bluetooth 2.1 interface general information

Data rate	Up to 3 Mbps
Frequency	Up to 2.4 MHz
Connector	Discovery method
Range	Up to 33 ft. (10m)
Compatibility	1.1/1.2/2.0/2.1 + EDR
Security	Bluetooth security
Signal/antenna support	Built-in aerial
Basic communications protocols	Serial Port Profile (SPP)
Printing communications protocols	SPP
EMI standards	FCC Class A, CE
Safety standards	UL, cUL*

\* UL applies to Connect-It+Printer

