

TSC

The Smarter Choice.

CELEBRATING 20 YEARS



802.11 b/g/n WIRELESS MODULE & BLUETOOTH MODULE – User Options FAST, CONVENIENT



KEY FEATURES

- Easy for printers to communicate with a wide variety of peripherals
- Simplify the connection of multiple network devices
- Reduce costs by eliminating the clutter and cost of printer cabling

APPLICATIONS

- Cost effective wireless printing where cabling is not desirable
- Wireless scanning for stand-alone applications
- Personal data terminal and tablet based applications
- Retail, office or industrial based environments

802.11 b/g/n WIRELESS MODULE & BLUETOOTH MODULE – User Options

OPTIONS	802.11 b/g/n WIRELESS MODULE
Network Interfaces	802.11 b/g/n compatible
Supported Data Rates	1, 2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48, 54 Mbps and HT20 MCS0-MCS7 with short GI and long GI
Security	Support WPA-Personal (TKIP) , WPA2-Personal (AES) and wired equivalent privacy protocol (WEP)
Protocols	IPv4, ARP, ICMP, UDP, TCP, LPD, RARP, BootP, Raw, DHCP Client, DHCP Server, DNS Client, DNS Server, SNMP Client, SNMPv1 Client, HTTP(S) Client, HTTP server for web-provisioning
802.11n Features	<ul style="list-style-type: none"> • 802.11n HT-20 mixed-mode operation • Short GI in HT-20 mode • 802.11e/WMM QoS • 802.11n receive aggregation
I/O Driver	UART
Power Management	<ul style="list-style-type: none"> • Support transmit power control • Support 802.11 power save modes and GS1500 specific power states (sleep, deep sleep, standby) Note: Power save states is not available in IBSS
LED Indicator	Power, Link
Setup Utility	Diagnostic Tool
Physical Dimension	38 mm (W) x 131 mm (H) x 15 mm (D) 1.50" (W) x 5.16" (H) x 0.59" (D)
RF Output	14dBm (802.11b); 11dBm (802.11n)
Operating Voltage	5V DC
Environment Condition	Operation: 5 ~ 40°C
Safety Regulation	FCC, CE

OPTIONS	BLUETOOTH MODULE
Classification	Class 2 device with a range of up to 10 meters
Network Interfaces	BT v2.1+EDR
Spread Spectrum and Modulation (typical)	8DPSK (Differential Phase Shift Keying)
Operating Channels (central frequency)	2.4GHz ~ 2.4835GHz
Security	128-bit encryption
Transmission Rates	Up to 3 Mbps
TX Transmit Power	Up to +4dBm
RX Sensitivity	-80dBm
LED Indicator	Power
Setup Utility	Diagnostic Tool
Physical Dimension	38 mm (W) x 131 mm (H) x 15 mm (D) 1.50" (W) x 5.16" (H) x 0.59" (D)
Input Voltage	DC 3.3V
Profiles	HCI / SPP
I/O Driver	UART
Operating Voltage	5V DC
Environment Condition	Operation: 5 ~ 40°C
Safety Regulation	FCC, CE



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