

CT-WN4322Z

802.11g WLAN USB Stick



Description

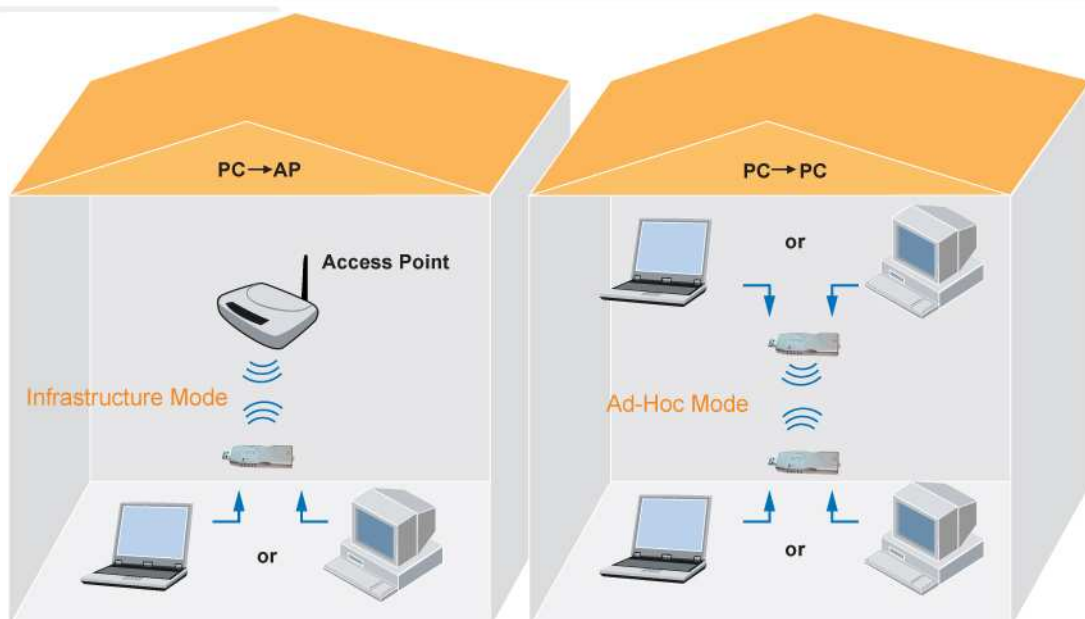
The CT-WN4322Z WLAN USB Stick is an 802.11g wireless LAN device working under 2.4GHz bandwidth, running at a speed of up to 54Mbps. Using IEEE 802.11g wireless LAN technology, it provides a speed five times faster than IEEE 802.11b technology. The CT-WN4322Z supports USB2.0. With Plug & Play technology, it allows users easily enable their computer to provide wireless connection through the USB port.

The CT-WN4322Z is an 802.11b/g WiFi certified device. It can smoothly communicate with other WiFi compatible devices. As for security, it also supports up to 256-bit WEP, AES, WPA, and WPA2 level securities.

Features

- WiFi certified
- USB2.0 interface supports data rates up to 12Mbps full speed and 480Mbps high speed
- Enterprise-class security supporting WPA2
- Superior transceiving range and throughput
- High speed data rate of up to 54 Mbps. Data rate is five times faster than the existing 802.11b
- RoHS compliant
- WIFI Multimedia (WMM) supported. WMM is a component of the IEEE 802.11e wireless LAN standard for quality of service (QoS).

Applications Diagram



CT-WN4322Z

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Specifications

Product Name	802.11g WLAN USB Stick	
Model Number	CT-WN4322Z	
Interface	USB2.0	
Dimensions	80 (L) x 30 (W) x 13 (H) mm	
Weight	25 g	
Frequency Band	2.400 ~ 2.4835GHz (subject to local regulations)	
Channels	802.11b/g 11 (Ch1-11): N.A 13 (Ch1-13): Europe ETSI 14 (Ch1-14): Japan	
Power Consumption	802.11g: Rx: 145mA / TX: 305mA / Standby: 145 mA 802.11b: Rx: 145mA / TX: 350mA / Standby: 145 mA	
Data rate	11, 5.5, 2, 1 (DSSS/CCK); 6, 9, 12, 18, 24, 36, 48, 54 (OFDM) Mbps	
Transmit Power	17dBm (6,9,12,18,24, 36 Mbps) under 802.11g mode 15dBm (48, 54 Mbps) under 802.11g mode 15dBm under 802.11b mode	
Receive Sensitivity	802.11g: @PER<10%, 54Mbps: -70dBm 48Mbps: -71dBm 36Mbps: -76dBm 24Mbps: -80dBm 18Mbps: -83dBm 12Mbps: -86dBm 9Mbps: -87dBm 6Mbps: -87dBm	802.11b: @PER<8%, 11Mbps: -84dBm 5.5Mbps: -87dBm 2Mbps: -87dBm 1Mbps: -91dBm
Modulation	OFDM: BPSK, QPSK, 16QAM, 64QAM DSS:CCK, QPSK, DBPSK	
Security	64/128/ 256 bit WEP, TKIP, AES, WPA, WPA2	
Antenna	PCB antenna	
Supported Driver	Windows 98SE/ME/2000 (WHQL)/XP (WHQL)/XP64bit (WHQL), Linux, Mac	
Standards	IEEE 802.11b /11g, 802.11i, WMM	
Warranty	1 year	
Temperature Range	0 ~ 45°C (Operating), -20~70°C (Storage)	
Humidity	5- 90% Non-condensing	
Operating Range	Outdoor: 400m (1312 feet) ; Indoor: 100m (328 feet) The transmission speed varies in the surrounding environment.	
Certifications	FCC, CE	

Note: Specifications are subject to change without notice

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