PRODUCT OVERVIEW

Grandstream's wireless (802.11b/g/n) USB adapter is an optional peripheral device offered to provide wireless access to Grandstream's IP voice and video customer premises equipments including their IP multimedia phones and IP network cameras. The wireless adapter allows Grandstream's video and voice products to connect to available WiFi networks without worrying about locations or wiring restrictions. The WiFi USB adapter fully complies with the latest 802.11n standard at a speed of over 150Mbps as well as legacy 802.11b/g standard. It supports low power management and various security encryption standards. The built-in omni-directional smart antenna can adapt to different working environments so that the network equipment can be quickly and easily set up to access a wireless network.

KEY FEATURES

- Fully compliant with the final 802.11n standard and interoperable with Wi-Fi CERTIFIED™ n products
- USB 2.0 interface compliant
- Work mode: infrastructure, ad-hoc
- 1T1R mode compatible to PHY rate from 150 to 300Mbps for both transmit and receiving
- Supports 64/128 WEP encryption, WPA/WPA-PSK, WPA2/WPA2-PSK, TKIP, AES security
- QoS - WMM, WMM-PS
- WPS, PIN, PBC
- Multiple BSSID support
- Cisco CCX support
- Bluetooth co-existence
- Low Power with Advanced Power Management
- Transmission rate: 150/135/121.5/108/81/54/48/36/24/18/12/9/6/11/5.5/2/1Mbps

SPECIFICATIONS

ITEM	DESCRIPTION	
Standard	Compliant with the IEEE 802.11b/g/n standards, CSMA/CA with ACK	
Interface	USB 2.0	
Operating Frequency	2.4 – 2.4835GHz	
Channel Number	13	
Modulation	OFDM / DBPSK / DQPSK / CCK	
RX Sensitivity	150M: –68dBm@10%PER; 54M: –68dBm@10%PER, 11M: –85dBm@8% PER 6M: –88dBm@10%PER, 1M: –90dBm@8% PER	
Distance	Up to 100 meters indoor and 300 meters outdoor	
RF Power	13dbm±2dbm	
Antenna Gain	2dBi	
LED	Status indication	
Compliance	FCC / CE, ROHS	
Dimension (L x W x H)	70mm x 24.5mm x 11mm	
Environment Specification	Temperature	Humidity
	Operating: 0 – 45°C (32 – 113°F)	Operating: 10 – 90% (Non–condensing)

SETUP AND OPERATION

Please refer to the Grandstream website at *http://www.grandstream.com* for device specific user manual and installation guide

ABOUT GRANDSTREAM NETWORKS

Grandstream Networks is the leading manufacturer of IP voice/video telephony and video surveillance solutions. Grandstream serves the small-to-medium business and consumer markets with innovative products that lower communication costs, increase security protection, and enhance productivity. Our open standard SIP-based products offer broad interoperability in the industry, unrivaled features, flexibility, and price-performance competitiveness.