



WD-2.4G

Wi-Fi Detector with IEEE 802.11b/g Wireless USB

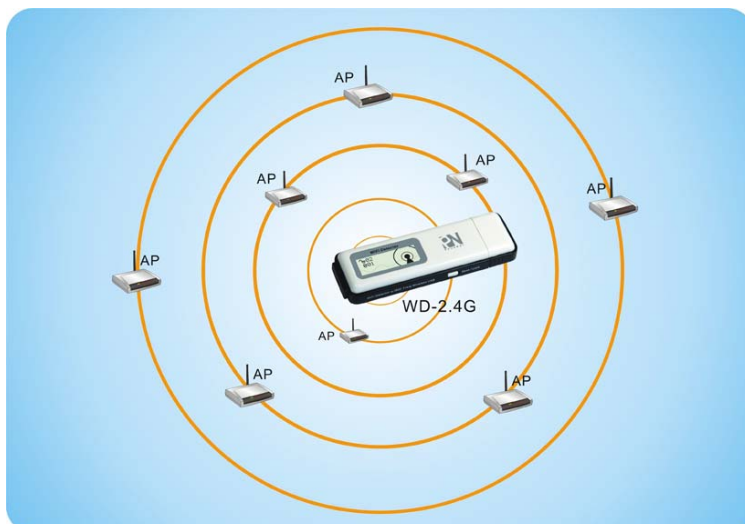
PheeNet Wi-Fi Detector with 802.11b/g Wireless USB. This convenient device instantly detects wireless hotspots and available Wireless AP anywhere. The backlight LCM display tells the user detailed information about any detected hotspot and available Wireless AP. There's no need to purchase any battery because there is a rechargeable Li-Polymer battery which recharges whenever the detector is inserted into any USB port.

This Wi-Fi detector also allows the user to go online wirelessly and is designed to comply with IEEE 802.11b/g Wireless LAN standard. It is suitable for any laptop or desktop computer.

This detector supports 64/128/256-bit WEP data encryption that protects your wireless network from eavesdropping. It also supports WPA (Wi-Fi Protected Access) and WPA2 that combines IEEE 802.1x and TKIP (Temporal Key Integrity Protocol) technologies. Clients are required to authorize before accessing to APs or AP Routers, and the data transmitted in the network is encrypted/decrypted by a dynamically changed secret key. This adapter has built-in AES engine which ensure the highest degree of security and authenticity for digital information and it is the most advanced solution defined by IEEE 802.11i for the security in the wireless network.

Definitely for engineers or hotspot users, it is a very user-friendly tool to survey and use existing Wireless LAN.

APPLICATION



Features

1. WiFi Detector, which with LCM displays: SSID, Signal Strength, Network type (802.11b/g), Network Mode (infrastructure, Adhoc), Operating channel, Number of AP's detected, Battery strength, Link/Act indicator)
2. Compatible with the IEEE 802.11b and IEEE 802.11g 2.4GHz standards
3. Compatible with USB Rev 2.0 / 1.1
4. Supports TKIP, WPA, IEEE802.11i enhanced security
5. Supports Software AP function, which turns the wireless station into a wireless AP
6. Support the most popular operating system: Windows 98SE/Me/2000/XP

Specification

Industrial Standard	
Standard	IEEE802.11b/g
Interface	USB2.0, USB1.1 compliant
Security	64/128/256-bit WEP WPA/WPA2 (TKIP with IEEE 802.1x) and AES
RF	
Frequency Band	2.4000~2.4835GHz (Industrial Scientific Medical Band)
Signal Type	IEEE802.11g: OFDM IEEE802.11b: DSSS
Modulation	802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11b : DSSS(CCK, DQPSK,DBPSK)
Antenna	Internal Antenna
Sensitivity	1 Mbps : -88dBm 2 Mbps : -83dBm 5.5 Mbps : -79dBm 11 Mbps : -70dBm 12 Mbps : -76dBm 24 Mbps : -71dBm 36 Mbps : -67dBm 54 Mbps : -62dBm
Output Power	802.11b: 18dBm 802.11g: 16dBm
Hardware	
Compatibility	Windows 98SE/ME/200/XP, WinXP64 CPU 64(bit)Frame
LCM Size	96x32 with EL backlight
Battery	4.2V Rechargeable Li-Polymer Battery
Environment	Operating Temperature :0~60° C
	Storage Temperature : -20 ~ 70° C
	Humidity: 10%~85% (Non-Condensing)
Dimensions	91 (L) x 28.5(W) x 14(H) mm
Certificate	FCC,CE

PheeNet Technology Corp.

Rm. 3, 20F, NO. 79, Hsin Tai Wu Rd., Sec. 1,
Hsi-Chih, Taipei, Taiwan
<http://www.pheenet.com>
TEL:886-2-26982011 FAX:886-2-26981421

