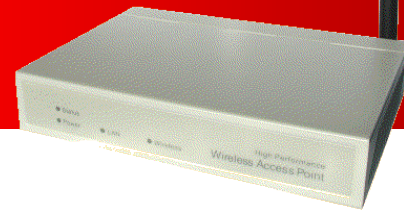




8424 SUPER-G WIRELESS ACCESS POINT W POE

The Next Generation Broadband



Enable-IT 8424 Super-G PoE Net AP

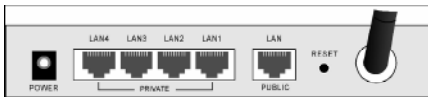
Easy setup and configuration via web browser.



The Enable-IT 8420 Super-G Wireless Access Point with POE is the industries most cost effective and feature rich WiFi Access Point.

The 8420 can allow Internet access to visitors and guests while protecting your private network resources. This is achieved by creating dual physical networks spanning three interfaces (LAN Hub, 802.11G & 802.11B).

Enable-IT 8424 Can be powered via your POE injector



Detachable omnidirectional antenna for use with other custom antennas or amplifiers

- The **Private Network** consists of users connected to the built-in 4-port switching hub, as well as users connected to the *Private WLAN* created by the 8420 Super-G Dual Network Wireless Access Point / Hub.
 - The **Guest Wireless Network** consists of users connected to the *Guest WLAN* created by the 8420 Super-G Dual Network Wireless Access Point / Hub.
- The **Guest** and **Private** networks are completely isolated from each other. Thus, users on the *Guest WLAN* cannot access your private network resources on the *Private Network*.

HIGHLIGHTS

- 200mw, 23 dBm
- **Standards Compliant.** The 8420 complies with the IEEE802.11g (DSSS) specifications for Wireless LANs.
- **Supports both 802.11b and 802.11g Wireless Stations.** The 802.11g standard provides for backward compatibility with the 802.11b standard, so both 802.11b and 802.11g Wireless stations can be used simultaneously.
- **108Mbps Wireless Connections.** 108Mbps connections are available to compatible clients.
- **Dual Wireless Networks.** The 8420 can create two separate Wireless networks (*Guest* and *Private*) and isolate them from each other.

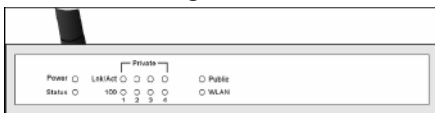
FEATURES & SPECIFICATIONS

- **WDS Support.** The 8420 supports WDS (Wireless Distribution System). This allows operation as a WDS Repeater or as a WDS Bridge. In WDS Bridge mode, both the *Guest* and *Private* Wireless networks are disabled.
- **Simple Configuration.** If the default settings are unsuitable, they can be changed quickly and easily.
- **DHCP Client Support.** - Provides a dynamic IP address to PCs and other devices upon request. The 8420 can act as a **DHCP Client**, and obtain an IP address and related information from your existing DHCP Server.
- **Upgradeable Firmware.** Firmware is stored in a flash memory and can be upgraded easily, using only your Web Browser.
- Support web and Telnet management interfaces.

Security Features:

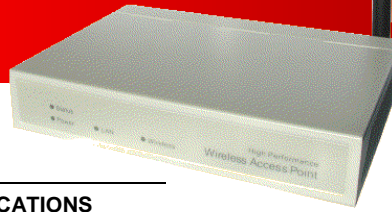
- **Separate SSID and Security Settings.** The *Guest* and *Private* Wireless Networks have different SSIDs and Security settings, allowing your *Private LAN* to use high security while making the *Guest Network* easily accessible.
- **Isolation of Guest & Private LANs.** The *Guest* and *Private* Wireless Networks are isolated from each other. PCs on the *Guest Wireless Network* cannot see (or attack) PCs or devices on your *Private* network. Layer2 client isolation.
- **WEP support.** Support for WEP (Wired Equivalent Privacy) is included. Both 64 Bit and 128 Bit keys are supported.

Front panel status LEDs for segmentation status and activity





8424 SUPER-G WIRELESS ACCESS POINT W POE



Enable-IT 8810 WiFi Desktop Extender



Key Benefits

- **Only complete solution for easily providing a mobile LAN Ethernet connection to a guest laptop that does not have a wireless access card**
- **Provides customer with your individual branding**
- **Uses Laptop USB for power – unit is completely portable**
- **Designed for direct compatibility with Enable-IT 8420. Provides Super-G connectivity for 108Mbps**

FEATURES & SPECIFICATIONS

- **WPA support.** Support for WPA is included. WPA is more secure than WEP, and should be used if possible.
- **WPA2 support.** Support for WPA2 is also included. WPA2 uses the extremely secure AES encryption method.
- **802.1x Support.** Support for 802.1x mode is included, providing for the industrial strength wireless security of 802.1x authentication and authorization.
- **Radius Client Support.** The 8420 can login to your existing Radius Server (as a Radius client), as required to support WPA/WPA2 with Radius, or 802.1x.
- **Access Control.** The Access Control feature can check the MAC address of Wireless clients to ensure that only trusted Wireless Stations can use the *Dual-Network Wireless Access Point* to gain access to your Private Network.
- **Password protected configuration.** Optional password protection is provided to prevent unauthorized access to AP settings.

FEATURES & SPECIFICATIONS

Hardware Specifications:

Standards IEEE802.11g WLAN, JEIDA 4.2, roaming support
 Frequency 2.4 to 2.4835GHz (Industrial Scientific Medical Band)
 Channels Maximum 14 Channels, depending on regulatory authorities
 Modulation DSSS BPSK/QPSK/CCK, OFDM/CCK

Data Rate 802.11g: Up to 54 Mbps
 Super G: Up to 108Mbps (Atheros chipset required)

Coverage Area Indoors : 15m @54Mbps, 120m @6Mbps or lower
 Outdoors: 40m @54Mbps, 300m @6Mbps or lower

Security WEP (64Bit/128/152Bit), WPA-PSK (TKIP), WPA 2-PSK
 802.1x authentication support
 Output Power 23dBm (configurable)
 Receiver Sensitivity -80dBm Min.

Wireless Interface:

Dimensions 141mm(W)
 100mm(D)
 27mm(H)

Operating Temperature 0° C to 40° C
 Storage Temperature -10° C to 70° C

Network Protocol TCP/IP
 Network Interface 5 Ethernet:
 4 x 10/100BaseT (RJ45) Private LAN Connection

Status Display LEDs 12

Power Adapter 24 V DC External

