



525C-3 Wireless Mesh Access Point

Specifically for Outdoor Use

Advantage

525C-3 have mesh/bridge and AP/Gateway in the same house .Both interfaces can be configured for 802.11a .b or g mode individually .

The 525C-3 employs WEP/WPA2/802.11i with 128-bit AES, the highest commercial security standard available.

The 525C-3 will also detect rogue access points, to further protect your network from unauthorized access — an invaluable capability.

Management is easy with GUI WEB interface which allows you to add users to and remove users from the system.

802.1Q/VLAN allows use of multiple SSIDs for varying service types over a common physical network.

Finally, you have full use of Power-over- Ethernet, saving the time and unsightliness associated with powerline cabling.

Key Features

- ◆ Dual Radios: 802.11a/b/g for both AP and Bridging
- ◆ Super G & Turbo A on access point & bridge up to 108 Mbps
- ◆ User configurable modes: access point, wireless bridge, or repeater
- ◆ Power-over-Ethernet (PoE) Standard
- ◆ VLAN 802.1Q
- ◆ 64, 128, and 152-bit WEP
- ◆ AES-CCMP/WPA2/802.11i
- ◆ Wireless client load balancing
- ◆ Self configuring, Self-healing MESH network - up to 40 nodes
- ◆ Detects & reports rogue APs
- ◆ Rugged IP 66 casing for outdoor use as a HotSpot or repeater
- ◆ Multiple SSIDs in a single network

Hardware Specification <ul style="list-style-type: none"> • CPU : XScale IXP 425 @ 533 MHz • MHz : 8 MB flash / 64 MB SDRAM 	Wireless Features <ul style="list-style-type: none"> • Multiple RFs : 802.11a/b/g for AP & bridge with Turbo A and Super G • Operation mode (user configurable) : Access Point, Bridge /Repeater • Self-forming, self-configuring, self-organizing mesh - up to 40 nodes • Multiple SSIDs, VLAN 802.1Q • Channel number : Fixed or automatic select (optimum) • Adjustable Tx power • 802.11h Dynamic Frequency Selection • 802.11h Transmit Power Control • Load balancing of wireless clients • Security : <ul style="list-style-type: none"> WEP - 64, 128, and 152-bit WPA-PSK WPA (802.1x) - Dynamic Key WPA2/802.11i AES-CCMP Enable/disable broadcast SSID MAC address filtering Rogue wireless AP detection with email notification • Wireless AP and wireless client activities monitoring : <ul style="list-style-type: none"> Signal strength MAC address listing of wireless clients 	WAN Ethernet Setting <ul style="list-style-type: none"> • Fixed IP • DHCP client • Supports 10/100 Mbps auto negotiation
External Ports <ul style="list-style-type: none"> • 1 10/100 Mbps WAN Ethernet port • 1 LAN port (for configuration) • 3 External antenna port 		Device Management <ul style="list-style-type: none"> • Web Server/HTTPS • SNMP Agent
LED Indicators <ul style="list-style-type: none"> • Power • WAN • WLAN 1 : Activity light/Link Ind. • WLAN 2 : Activity light/Link Ind. • WLAN : Signal Strength 		Tools and Utilities <ul style="list-style-type: none"> • Ping utility • Trace route utility • Firmware upgrade via web • Reboot device • Factory default
Environment & Safety <ul style="list-style-type: none"> • Operating Temperature: -30° ~ +70° option with TEC • Storage Temperature: -40° ~ +80° C • Operating Humidity: 0~95% non-condensing • EMI/Safety • FCC Class A • Lightning protection (option) 		Mounting Kit Included
LAN Ethernet Setting <ul style="list-style-type: none"> • Supports 10/100 Mbps full/half • Duplex auto negotiation 		Dimensions <ul style="list-style-type: none"> • Weight: 5.5 lbs • 9.25" x 8.25" x 3.00"