BELDEN
SENDING ALL THE RIGHT SIGNALS

BWS8024 Tools and Accessories - Wireless Component - 24-port Wireless Switch w/built-in PoE

Obsolete Call 1-800-BELDEN1

For more Information please call

1-800-Belden1

RoHS COMPLIANT · ENVIRONMENTALLY FRIENDLY

Description:

24-port wireless switch with built-in PoE.

Physical Characteristics (Overall)

AWG of Cable:	24
Connector Cable Type:	Cat 5e
Connector Interface:	RJ45
Ohms:	100 Ohm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	09/17/2006
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Standards (Overall)

WLAN Standards:	IEEE 802.11a, 802.11b, 802.11g and 802.11i
Ethernet Standards:	IEEE 802.3x, full/half duplex and 802.1q, VLAN tagging

Interfaces (Overall)

WLAN (APs) Interfaces:	24 x 100 BaseT Ethernet with IEEE 802.3af PoE
LAN (Wired LAN) Interfaces:	2 x 100/1000 BaseT Ethernet Ports

Wireless Performance (Overall)

Channels:	Up to 2 simultaneous WLAN channels, regardless of band.
Capacity:	Up to 54 Mbps per channel.
Bandwidth:	Triple the aggregate bandwidth of a/b/g channel, for effective data rates of up to 162 Mbps on standard channel.
Roaming:	Intra-switch - 0 mSec, Inter-swithc < 50 mSec

Management (Overall)

User Interface:	Secure Web-based Graphical User Interface (GUI)
SNMP:	Version 2
Redundancy:	Master-to-backup auto fallback
Logging:	Remote and local SYSLOG
Upgrades:	Firmware upgrade through Web/CL1

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Security (Overall)

Encryption:	802.11i hardware-based encryption including: WEP-64, BEP-128, WPA-TKIP, WPA2-AES (CCMP)
Authentication:	RADIUS (802.1x), WPA Pre-Shared Key (PSK), MAC Address-based ACL, EAP, TTS, TTLS, LEAP, PEAP, MD5

Network Names and VLAN (Overall)

Network Names:	16 Network Names (SSIDs) per channel
VLANs:	4096 Ethernet VLAN, NEtwork Name to VLAN mapping in.

Regulations Approval (Overall)

Safety:	UL 60950-1. EN 60950-1, IEC 60950-1
EMC:	FCC Part 15 Class B, EN 300386, VCCI Technical Requirements, V-3/2001.04

Physical Properties (Overall)

Installation Options:	Rack mount (19 in. IU) and desktop
Dimensions (W x H x D):	17.3 in. x 1.7 in. x 15.5 in. (440mm x 45mm x 395mm)
Weight:	9.900 lbs.
LEDs:	Power, LAN Activity, Acitivity on AP ports
Power:	100-240/2A Max, PoE to WLAN ports: 15W per port

Environmental (Overall)

Operating Temperature:	32°F to 113°F (0°C to 45°C)
Operating Humidity:	0% to 90%, non-condensing
Storage Temperature:	-4°F to 158°F (-20°C to 70°C)
Storage Humidity:	0% to 90%, non-condensing

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc

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