

## BWS8012 Tools and Accessories - Wireless Component - 12-port Wireless Switch w/Built-in PoE



**No longer  
Available  
1-800-BELDEN1**

For more Information  
please call

1-800-Belden1



### Description:

12-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):	10/31/2007
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:	12 x 100 BaseT Ethernet with IEEE 802.3af PoE
LAN (Wired LAN) Interfaces:	2 x 100 BaseT Ethernet Port

### Wireless Performance (Overall)

Channels:	Up to 4 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-switch < 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/CLI

**BWS8012 Tools and Accessories - Wireless Component - 12-port Wireless Switch w/Built-in PoE****Security (Overall)**

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

**Network Names and VLAN (Overall)**

<b>Network Names:</b>	16 Network Names (SSIDs) per channel
<b>VLANs:</b>	4096 Ethernet VLAN, Network Name to VLAN mapping in.

**Regulations Approval (Overall)**

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

**Physical Properties (Overall)**

<b>Installation Options:</b>	Rack mount (19 in. IU) and desktop
<b>Dimensions (W x H x D):</b>	17.3 in. x 1.7 in. x 15.5 in. (440mm x 45mm x 395mm)
<b>Weight:</b>	9.200 lbs.
<b>LEDs:</b>	Power, LAN Activity, Activity on AP ports
<b>Power:</b>	100-240/2A Max. PoE to WLAN ports: 15W per port

**Environmental (Overall)**

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

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 0      Revision Date: 10-22-2010

© 2012 Belden, Inc  
 All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.