

**BWAP400 Tools and Accessories - 4 Radio XtraThin™ Access Point**


**Obsolete  
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**Description:**

4 Radio XtraThin™ Access Point.

**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 802.11b (2.4 GHz), 802.11g (2.4 GHz), 802.11a (5 GHz) and Homeland Security/Public Safety 4.9 GHz
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**Features (Overall)**

WiFi Collaboration Features (Requires Switch):	Centralized management and configuration. Centralized authentication and encryption. Enhanced Voice over IP (VoIP) support, Spectrum reuse support. Quality of Service (QoS), Multiple networks, VLAN tagging, SNMP traps to report AP disconnect, Live AP status to switch
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**Regulations Approval (Overall)**

Safety:	UL 60950-1, EN 60950-1, IEC 60950-1
EMC:	FCC Part 15 Class B, EN 302 489-1-17, VCCI Technical Requirements, V-3/2001.04
Safety Notes:	Radio (including modular approval): FCC Part 15C, FCC Part 15 E, EN 300 328. EN 301 893, Japan Type Certification: Article 2, Clause 1

**Physical Properties (Overall)**

Installation Options:	Horizontal (desktop or ceiling), Vertical (wall mount)
Dimensions (W x H x D):	7.7 in. x 4.9 in. x 1.8 in. (195mm x 125mm x 45mm)
Weight:	0.880 lbs.
LEDs:	4 x WLAN Activity (2 colors)
Power:	PoE (IEEE 802.3af), Power supply (optional): 48VDC

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**Environmental (Overall)**

<b>Operating Temperature:</b>	32°F to 122°F (0°C to 50°C)
<b>Operating Humidity:</b>	0% to 90%, non-condensing
<b>Storage Temperature:</b>	-49°F to 185°F (-45°C to 85°C)
<b>Storage Humidity:</b>	0% to 90%, non-condensing

**Spectrum (Overall)**

<b>Number of Simultaneous Channels:</b>	Up to two regardless of band
<b>Public Safety:</b>	4.9 - 5 GHz

**Available Channels:**

802.11a**	802.11b/g***
5.15-5.25 GHz	2.402-2.472 GHz (US)
5.25-5.35 GHz	2.402-2.482 GHz (ETSI)
5.505-5.725 GHz	2.402-2.494 GHz (Japan)
5.725-5.850 GHz	

**Transmission Power (Overall)**
**Transmission Power (Mean):**

802.11a	802.11b/g	802.11g
18 dBm (max)	17 dBm (max)	15 dBm (max)

**Supported Rates**
**Supported Rates:**

802.11a	802.11b	802.11g
6.9, 12, 24, 36, 48, 54 Mbps	1, 2, 5.5, 11 Mbps	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps

**Receive Sensitivity**
**Receive Sensitivity:**

802.11a	802.11b/g
6 Mbps: -88 dBm	1 Mbps: -91 dBm
9 Mbps: -87 dBm	2 Mbps: -88 dBm
12 Mbps: -86 dBm	5.5 Mbps: -87 dBm
18 Mbps: -84 dBm	6 Mbps: -89 dBm
24 Mbps: -81 dBm	9 Mbps: -88 dBm
36 Mbps: -77 dBm	11 Mbps: -85 dBm
48 Mbps: -73 dBm	12 Mbps: -87 dBm
54 Mbps: -69 dBm	18 Mbps: -85 dBm
	24 Mbps: -82 dBm
	36 Mbps: -79 dBm
	48 Mbps: -74 dBm
	54 Mbps: -71 dBm

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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