

# WES5: A Gateway Beyond Point-to-Point Connectivity

IP wireless fiber optic remote power



## WES5 Dual Radio 2.4/5GHz

- ✓ Compact industrial design
- ✓ Over 2 Gbps modulation rate
- ✓ Integrated antennas
- ✓ User-friendly Point-to-Point Pre-configured Kits
- ✓ Multipoint capabilities
- ✓ Simple installation
- ✓ Pole/wall mount included

Find out more

Find out more about the full range of KBC products at [www.kbcnetworks.com](http://www.kbcnetworks.com)



Product information, case studies, downloads, compatibility drawings and much more.

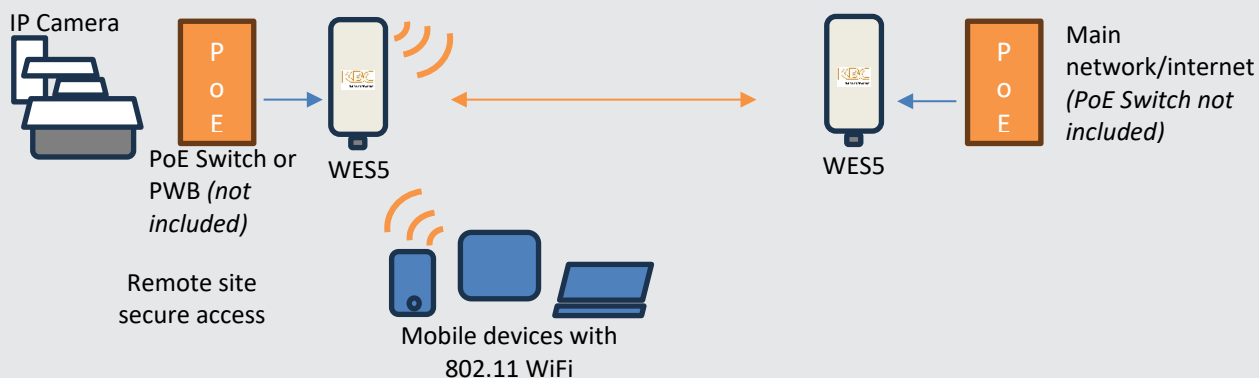
WES5 requires IEEE802.3af PoE. Remote applications may also need a certain power solution that will also power your remote device(s) and the WES5. Did you know KBC also has 3 different remote power solutions: UPS, solar and engineered power boxes.

Visit [www.kbcnetworks.com](http://www.kbcnetworks.com) for more WES5 information.



## DHCP Router Mode - Simplified Wi-Fi

WES5 is essentially a reimagined and enhanced access point, built to support a wide variety of use cases. Whether you need a traditional point-to-point connection for a remote camera (or two or three or more), a secure hotspot for local mobile device access, or both simultaneously—and more—it's ready to handle it all.



# Expert wireless video design help—just scan below!

Submit your design requests directly through our website.

We have made wireless system design even easier for you to send your potential wireless project over to us. *Just **SCAN THE QR CODE BELOW** or go to our website, scroll down and click the orange button.* Fill out a form to provide the following information:

1. Type of device needed to transmit (ie cameras? Access control? Intercom? Etc)
2. Address of the site with locations identified including the main head end
3. Attach a simple layout diagram

such as:



...and we'll provide a design plus parts list:

**KBC-CONTRACT-NAME**  
Example: Downtown Regional Sales Manager (7949) 218-5338 sales@kbcnetworks.com

**KBC-DESIGN-NAME**  
Example: Downtown-Genetic Apt Complex-Rev122022 Date: February 24, 2022

QTY	PART	DESCRIPTION
2	WES4-KT	Wireless Ethernet Point-to-Point Kit
4	WES4-AX-CF	(Containing 2 WES4-AX-CF)
2	WES4-AX-BF	Full Wireless Ethernet Multipoint Transceiver
12	KBC-998-A4F-A4	WES4-AX-BF
	KBC-998-CONF	Full Wireless Ethernet Multipoint Receiver
	WES4-HK-1	High Throughput Wireless Ethernet Point-to-Point Kit (Containing 2 WES4-HK-1 cables)

**LEGEND:**

- WES4-KT: Wireless Ethernet Point-to-Point Kit
- WES4-AX-CF: (Containing 2 WES4-AX-CF)
- WES4-AX-BF: Full Wireless Ethernet Multipoint Transceiver
- WES4-HK-1: High Throughput Wireless Ethernet Point-to-Point Kit
- KBC-998-A4F-A4: WES4-AX-BF
- KBC-998-CONF: Full Wireless Ethernet Multipoint Receiver
- WES4-HK-1: High Throughput Wireless Ethernet Point-to-Point Kit

**NOTE:** The purpose of this conceptual diagram is for illustration only and therefore it assumes an ideal environment for wireless video transmission. Due to possible adverse site-specific wireless conditions, KBC cannot and will not guarantee operability of the system as depicted in this diagram. A bench test is highly recommended for system finalization. Channel selection, IP addresses and other configurations can be preset by KBC with one of our pre-configuration service options. For more info on optional pre-set services please contact a KBC sales representative. Even if a pre-configuration service is ordered, environmental restrictions could result in the need to re-configure settings in the installation and/or maintenance phases of the deployment.

Our pre-sales designs are free. Instead of just a list of products, we provide you with the product information overlaid so that you can present your clients with the design and show them exactly what you'll be doing and how the system will function.

## Pre-configuration Service: KBC-PRE-CONF

Unit	Model #	Serial Number	LAN IP Address	Radio MAC	SSID	Channel	Spec. Width
1	WES4-AX-CF Client	W731041	192.168.1.201	2c:0b:c1:44:xb:28	WES4Ex1	36	40 above
2	WES4-AX-CF Host	W731042	192.168.1.202	2c:0b:c1:44:db:18	WES4Ex1	36	40 above
3	WES4-AX-CF Client	W731043	192.168.1.203	2c:0b:c1:44:db:1x	WES4EX2	151	40 below
4	WES4-AX-CF Client	W731044	192.168.1.204	2c:0b:c1:44:db:04	WES4EX2	151	40 below
5	WES4-AX-CF Client	W731045	192.168.1.205	2c:0b:c1:44:dx:24	WES4EX2	151	40 below
6	WES4-AX-CF Host	W731046	192.168.1.206	2c:0b:c1:44:dx:xx	WES4EX2	151	40 below
7	WES4-AX-CF Host	W731047	192.168.1.207	2c:0b:c1:44:xx:30	Wes4Ex3	157	40 above
8	WES4-AX-CF Client	W731048	192.168.1.208	2c:0b:c1:44:xx:00	Wes4Ex3	157	40 above
9	WES4-AX-CF Client	W731049	192.168.1.209	2c:0b:c1:44:dx:xx	Wes4Ex3	157	40 above
10	WES4-AX-CF Client	W731050	192.168.1.210	2c:0b:c1:44:dx:00	Wes4Ex3	157	40 above
11	WES4-AX-CF Host	W731051	192.168.1.211	2c:0b:c1:44:dx:xx	WES4ex4	44	40 above
12	WES4-AX-CF Client	W731052	192.168.1.212	2c:0b:c1:44:xa:xx	WES4ex4	44	40 above

**KBC** data delivered

NOTE: The purpose of this conceptual diagram is for illustration only and therefore it assumes an ideal environment for wireless transmission. Due to possible adverse site-specific wireless conditions, KBC cannot guarantee operability of the system as depicted in this diagram. A bench test is highly recommended for system finalization and major troubleshooting should be necessary. Channel selection and IP addresses can be preset for convenience if desired. Environmental restrictions could require re-configuration to some degree including, but not limited to, the need to upgrade antenna systems.

www.kbcnetworks.com

KBC's pre-configuration service eliminates set up and minimizes on site labor related to the wireless install.

**WE:** program the wireless units prior to shipping and include the documentation.

**YOU:** install the system according to the diagram.

Get started to see how easy your next job can be:



## Get in Touch

Phone: (949) 503-3470 Toll Free: (888) 36-MICRO Email: sales@kbcnetworks.com

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