



Bulletin No.: WLAN_010_New Outdoor Access Point

March 24, 2015

New Outdoor Access Point (WEA 453e)

Samsung Electronics America is pleased to release the Outdoor Access Point model WEA 453e. It connects the user end devices that support wireless LAN, such as a smartphone, tablet, or notebook, to a wired network in an outdoor environment. It supports the 802.11 a/b/g/n wireless specifications and the new 802.11 ac. This new AP model is compact and powerful with multiple spatial streams that deliver high speed data rate of up to 1.3 gbps.



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<https://partnerportal.samsung.com>

PRODUCT OVERVIEW

Highlights of the new access point **WEA453e**

- IEEE 802.11a/b/g/n/ac standard
- Power over Ethernet (PoE+) IEEE 802.3at
- 3 × 3 Multiple Input Multiple Output (MIMO)
- Wireless LAN through both 2.4 GHz and 5 GHz bandwidths
- Temperature Range: -40~+55°C
- Environment Condition: IP66, IP67

ACCESS POINT SPECIFICATIONS

Category	Items	WEA453e
Wireless	WIPS	Support WIPS sensor mode
	Standard	802.11a/b/g/n/ac
	# of Radio	Dual Concurrent Radio
	Frequency	2.4GHz, 5GHz
	Antennas	External Type
	MIMO	3x3 MIMO, 3 Spatial Streams
	Spectrum Analysis	Yes (Time Sharing)
	PHY Rate	1.3Gbps
H/W	Network I/F	2 GbE (RJ45), 1 Console (RJ45)
	PoE	802.3at
	Environment Class	IP66, IP67
Dimension	Diameter / Height	267 x 184 x 58mm
	Weight	2.6Kg
Security	Standard	802.11i, WPA/WPA2
	Multi SSID	Maximum 16
	# of Multi VLAN over SSID	Maximum 1.024

QoS	Encryption	DTLS
	Rogue AP Detection	Yes
	Standard	802.11e
	WMM	Yes
Management	Operation	Controlled Mode, Stand-alone Mode
Certification	WiFi Certified	WPA/WPA2, WMM, WMM-PS
	KC	Yes

PRICING & ORDERING

SAMSUNG WLAN Price List (03/24/2015)				
	Name	Description	Code	List Price
AP	WEA453e	Access Point, 3x3 MIMO, 3 streams, 802.11a, b, g, n & ac	WDS-A453E/XAR	US:1818.00 Canada: 1890.00

All additional accessories such as External Antennas and mounting kits need to be purchased separately from 3rd party vendors. Please contact your Sales representative.

DOCUMENTATION

The following Samsung WLAN technical documents have been updated to support the Outdoor Access Point and are available as indicated below.

<ul style="list-style-type: none"> WEC8500WEC8050 System Description 	PRM: Content > Sales Material > Sales and Marketing > General Description Wireless Enterprise Operations Support System > Knowledgebase
<ul style="list-style-type: none"> Quick Install Guide WEA453e WEA453e Installation Manual 	Wireless Enterprise Operations Support System > Knowledgebase

WARRANTY INFORMATION

Hardware

WLAN access points come with a two (2) year warranty from purchase date.

If there are any questions regarding this notice, please contact your Regional Sales Manager or Samsung Technical Support via email at support@we-operations.com