

WEA413i



Radio Specifications	802.11a/b/g/n/ac Dual concurrent radio 3 x 3 MIMO, 3 spatial streams PHY data rates up to 1.3 Gbps Dynamic frequency selection (DFS) 802.11n high throughput (HT20/40) 802.11ac high throughput (HT20/40/80)					
Operation Mode	Controlled Mode, Stand-alone Mode					
Supported Wireless LAN Controller	WEC8500 Series WEC8050 Series					
Data Rates	802.11a : 6,9,12,18,24,36,48 and 54 Mbps 802.11g : 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48 and 54 Mbps 802.11n : MCS 0 to MCS 23 (6.5 Mbps ~450 Mbps) 802.11ac : MCS 0 to MCS 9 (6.5 Mbps ~ 1.3Gbps)					
Frequency Band	802.11b/g/n : 2.412 GHz ~ 2.472 GHz 13 CH 802.11a/n/ac : 5.180 GHz ~ 5.825 GHz 24 CH * Available channel is compliant with local domain regulatory					
Maximum Transmit Power	23 dBm @ 3 streams (5 ~ 23 dBm) * The maximum transmit power will vary by channel and according to individual country regulation					
Receive Sensitivity	Rate	2.4 GHz	5 GHz			
		HT20	HT20	HT40	VHT20	VHT40
	MCS 0	-91	-93	-90		
	MCS 7	-71	-73	-70		
	MCS 8	-88	-90	-87		
	MCS 15	-68	-70	-67		
	MCS 16	-86	-88	-85		
	MCS 23	-66	-68	-65		
	MCS 0/NSS1				-93	-90
	MCS 7/NSS1				-73	-70
	MCS 8/NSS1				-68	-66
	MCS 9/NSS1				NA	-64
	MCS 0/NSS2				-90	-87
	MCS 7/NSS2				-70	-67
	MCS 8/NSS2				-65	-63
	MCS 9/NSS2				NA	-61
	MCS 0/NSS3				-88	-85
	MCS 7/NSS3				-68	-65
	MCS 8/NSS3				-64	-61
	MCS 9/NSS3				-62	-59
	802.11 b					
	1 Mbps	-96				
	11 Mbps	-88				
	802.11 a/g					
	6 Mbps	-93	-93			
	54 Mbps	-74	-75			

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Integrated Antenna	2.4 GHz : 3.0 dBi 5 GHz : 5.5 dBi
Antenna Type	Internal Type
Interfaces	2 * 10/100/1000BASE-T (PoE 1 port) 1 * Console interface
Dimensions	Diameter x Height : 205 x 45 (mm)
Weight	840g
Environmental	Storage temperature : -25°C ~ +70°C Operating temperature : 0°C ~ +45°C Operating humidity : 0 ~ 90% (noncondensing)
Input Power Requirements	IEEE 802.3at PoE : 50 to 57 VDC
Powering Options	Local power supply : 48V/0.75A
Power Draw	15.3W
Compliance Standards	• Safety : KN 301 489-1/KN 301 489-17 (Korea) • Radio approvals : Radio Equipment Specifications (Korea) • EAP type (s) : Extensible Authentication Protocol - Transport Layer Security (EAP-TLS) EAP-Tunneled TLS (TTLS) or Microsoft Challenge Handshake Authentication Protocol Version 2 (MSCHAPv2) Protected EAP (PEAP) v0 or EAP - MSCHAPv2 Extensible Authentication Protocol - Flexible Authentication via Secure Tunneling (EAP-FAST) PEAPv1 or EAP-Generic Token Card (GTC) EAP-Subscriber Identity Module (SIM) • Multimedia : Wi-Fi Multimedia (WMM) WMM-PS
Part Number	WDS-A413i/KOR