

WEA303i



Radio Specifications	802.11a/b/g/n, Dual concurrent radio 3 x 3 MIMO, 3 spatial streams PHY data rates up to 450 Mbps Dynamic frequency selection (DFS) 802.11n high throughput (HT20/40)			
Operation Mode	Controller-based			
Supported Wireless LAN Controller	WEC8000 series			
RF Monitoring	Dedicated RF and security monitoring module in AP			
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)			
Frequency Band	802.11b/g/n : 2.412 GHz ~ 2.472 GHz 13 CH 802.11a/n : 5.180GHz ~ 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	802.11n MCS Index	2.4 GHz HT20	5 GHz	
			HT20	HT40
	MCS0	-97	-96	-92
	MCS1	-96	-95	-92
	MCS2	-94	-94	-90
	MCS3	-90	-89	-86
	MCS4	-87	-86	-83
	MCS5	-83	-82	-79
	MCS6	-81	-80	-77
	MCS7	-80	-79	-76
	MCS8	-96	-95	-91
	MCS9	-93	-91	-88
	MCS10	-91	-89	-86
	MCS11	-88	-85	-82
	MCS12	-85	-82	-79
	MCS13	-80	-77	-74
	MCS14	-79	-76	-72
	MCS15	-78	-74	-71
	MCS16	-95	-95	-91
	MCS17	-92	-91	-88
	MCS18	-89	-88	-86
	MCS19	-86	-84	-83
	MCS20	-82	-81	-79
	MCS21	-78	-77	-75
	MCS22	-77	-74	-72
	MCS23	-75	-73	-71
	802.11 b			
	1 Mbps	-103		
	11 Mbps	-93		
	802.11 a/g			
	6 Mbps	-97	-96	
	54 Mbps	-83	-82	
	* Maximum capability of the hardware provided			

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Integrated Antenna	Intelligent Beam Selectable Antenna (IBSA) 2.4 GHz : 3 dBi 5 GHz : 5 dBi
Interfaces	10/100/1000BASE-T ethernet autosensing (RJ-45) Management console port (RJ-45)
Dimensions	Diameter x Height : 174 x 34.1 (mm)
Weight	640 g
Environmental	Storage temperature : -20 ~ 70 °C Operating temperature : 0 ~ 45 °C Operating humidity : 5 ~ 95 % (noncondensing)
Input Power Requirements	IEEE 802.3af PoE : 44 to 57 VDC
Powering Options	Local power supply : 100 to 250 VAC, 50/60 Hz
Power Draw	11.5 W
Compliance Standards	• Safety : UL 60950-1 UL 2043 IEC 60950-1 EN 60950-1 - EMI and susceptibility (Class B) FCC Part 15.107 and 15.109 EN 301 489-1 and -17 (Europe) KN 301 489-1 / KN 301 489-17 (Korea) • Radio approvals : FCC Part 15.247, 15.407 EN 300 328, EN 301 893 (Europe) 무선설비규칙 (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	• AP type WDS-A303CI / KOR • Mounting kit WDS-A300WK / KOR : Wall mounting WDS-A300CK / KOR : Ceiling mounting