



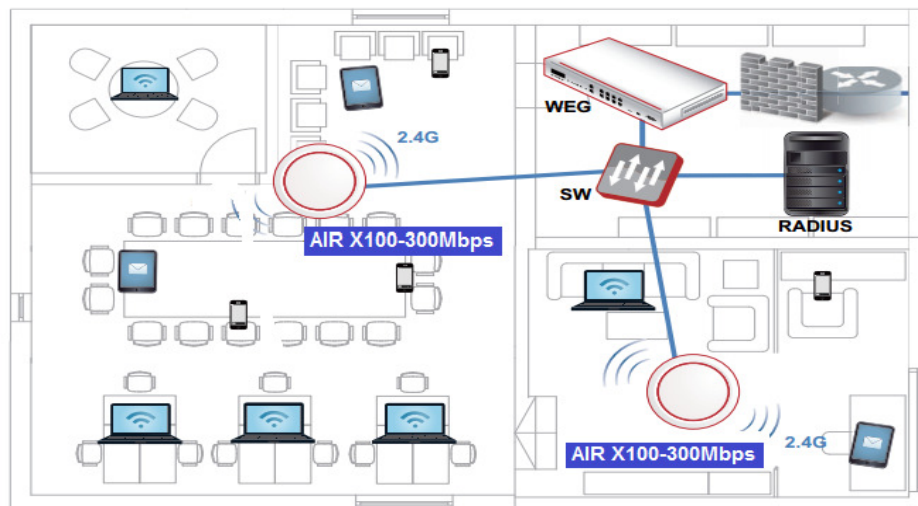
X100-300Mbps Ceiling Mount AP

- 300Mbps High Speed
- Power Over Ethernet 802.3af
- Multi Operation mode to meet with different requirement : AP/Router/Repeater
- Support AC Management, VLAN, Easy to manage

Hardware	
Chipset	MTK7620N
Standard	802.11N, 2T2R 300M MIMO Technology
SDRAM	64MB (can be 128MB)
Flash	8MB(can be 16MB)
Interface	1*10/100 Mbps RJ45 Port, IEEE 802.3af 48V PoE Support 1*Reset Button, rest to default
Size	15.7*3.6cm
Antenna	2.4G MIMO OMNI antenna, 5dBi
Power	POE 48V

RF Data			
Frequency	802.11b/g/n: 2.4~2.4835GHz U.S., Europe and Japan product covering 2.400 to 2.4835 GHz, programmable for different country regulations		
Modulation	OFDM = BPSK, QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK		
Throughput	300 Mbps		
Sensitivity	802.11n(2.4GHz)	802.11g	802.11b
	-92dBm @ MCS0	- 92dBm @ 6Mbps	- 95dBm @ 1Mbps
	-70dBm @ MCS7	- 72dBm @ 54Mbps	- 90dBm @ 11Mbps
	-92dBm @ MCS8		
	-70dBm @ MCS15		
Output Power	Radio1(WLAN1)		
	802.11n(2.4GHz)(± 1.5dBm)	802.11g(± 1.5dBm)	802.11b(±1.5dBm)
	20dBm@ MCS0~2/MCS8~10	20dBm @ 6~24Mbps	20dBm @ 1~11Mbps
	20dBm @ MCS5/MCS13	22dBm @ 36Mbps	
	20dBm @ MCS6/MCS14	20dBm @ 48Mbps	
	20dBm @ MCS7/MCS15	20dBm @ 54Mbps	

Software	
Operation Mode	Wireless / AP / Repeater
Protocol/Standard	IEEE 802.3(Ethernet) IEEE 802.3u(Fast Ethernet) IEEE 802.11b/g/n(2.4G WLAN)
Wireless	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID up to 4 BSSID
Security	WEP Encryption-64/128/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) Hide SSID
System Setting	Web-based configuration (HTTP/Telnet)
Firmware upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
System monitoring	Status in hand , useful statistic and Event log
Log	Supports local logs, logs host, logs file export
Reset	Reset or factory defaults
Backup	Restore settings & configuration of the device to local file
Physical Property	
Temperature	Working: 0°C~55°C Storage: -20°C to 70°C
Humidity	5%~95% (typical)



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