Model No.
XDS100

XDS100-300Mbps 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

Air Pro

OVERVIEW

XDS100 is a smart indoor ceiling access point which is designed for home or business environment such as hotels, coffee house, shops, university campuses etc. With 2T2R 2.4G MINO technology, its data rate can be 300Mbps and upto 32 users can access it together. With its aesthetic ceiling design, XDS100-POE can be deployed easily on ceiling or in crawlspaces. Integrated 802.3af Power over Ethernet (PoE) allows installation in areas where power outlets are not readily available.

KEY FEATURES

- 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

CEILING MOUNT ACCESS POINT OTHER MODELS

XDS9510

300Mbps, 300mW High Power Ceiling AP

- 300mW, High Power 300Mbps Access Point
- 2*5 dbi MIMO Antenna • Support 802.1Q VLAN
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11b/g/n devices
- Supports 48V/1A PoE • Support Multiple SSID

CEILING MOUNT ACCESS POINT OTHER MODELS

XDS9500S

300 Mbps Ceiling Mount AP

- High Power 300Mbps Access Point • 2*5 dbi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11b/g/n devices
- Supports 24V/1A PoE • Support Multiple SSID
- Support 802.1Q VLAN

Air M600

600 Mbps Ceiling Mount AP

- High Power 600Mbps Access Point • 4*5 dbi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11b/g/n devices
- Supports 24V/1A PoE • Support Multiple SSID
- Support 802.1Q VLAN

Air M750

750 Mbps Ceiling Mount AP

- High Power AC Dual Band 750Mbps Access Point
- 3*5 dbi MIMO Antenna • Support Multiple SSID
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11a/b/g/n devices
- Supports 24V/1A PoE • Support 802.1Q VLAN

Air M1200

1200 Mbps Ceiling Mount AP

- High Power AC Dual Band 1200Mbps Access Point
- 4*5 dbi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11a/b/g/n devices
- Supports 24V/1A PoE • Support Multiple SSID
- Support 802.1Q VLAN • Supports 24V/1A PoE / 48V PoE

TECHNICAL SPECIFICATIONS

Hardware	
Chipset	MTK7620N
Standard	802.11N, 2T2R 300M MIMO Technology
SDRAM	64MB (can be128MB)
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	

TECHNICAL SPECIFICATIONS

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

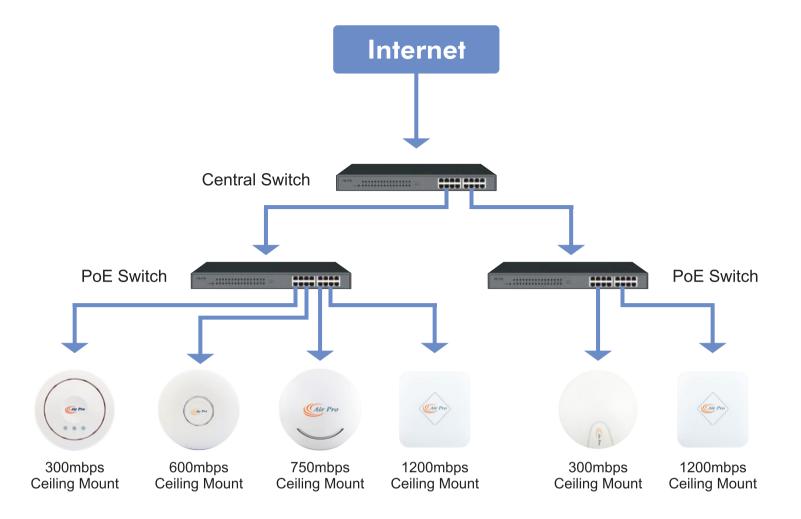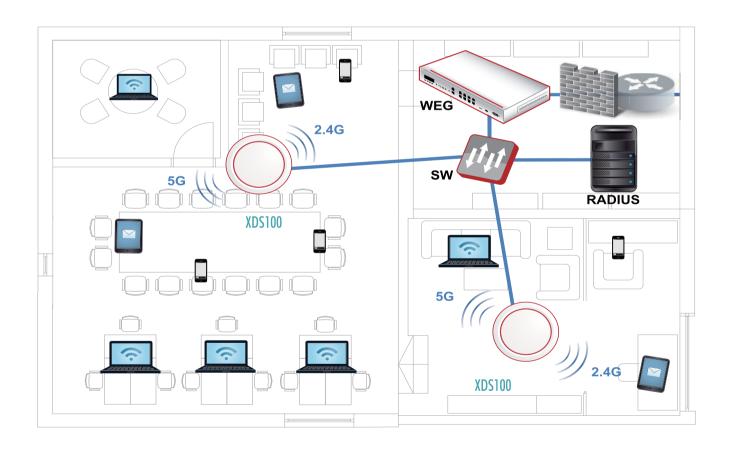| Physical Property	
Temperature	Working: 0°C~55°C Storage: -20°C to 70°C
Humidity	5%~95% (typical)

Package Contents
• XDS100 with PoE • Setting Accessory • User Manual • LAN Cable

AirPro Wi-fi Solution

Internet

Central Switch

PoE Switch

PoE Switch

| 300mbps | 600mbps | 750mbps | 1200mbps | 300mbps | 1200mbps |
| Ceiling Mount | Ceiling Mount | Ceiling Mount | Ceiling Mount | Ceiling Mount | Ceiling Mount |

2.4G

5G

XDS100

WEG

SW

RADIUS

5G

XDS100

2.4G

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