ComFi EL610

300M Wall Mounted Access Point

Product Specifications

- 300Mbps Wireless Transfer Speed with 2.4GHz Wi-Fi Frequency

- Wi-Fi On/Off Switch and Led Indicator For Easy to Use

- Seamless Roaming Between APs

- Standard 48V PoE Power Input (via WAN Port)

- For Universal Type-86 Wall Socket

- Support FIT/FAT Mode, Can Be Managed and Maintained By ACs

Product Description

The ComFi EL610 is a business-grade wall-mounted wireless access point with high building quality and ivory white casing appearance. It brings a good Wi-Fi access experience with 2.4GHz IEEE 802.11b/g/n wireless technology for users. It also has a network port (RJ45 port) for wired connected application needs like IPTV, Top box, computer, smart device, and others. The ComFi EL610 can switch between FIT/FAT mode and support remote managed and maintained by ACs. It provides business functions like auto-channel and power adjustment that can automatically detect available channels of radios and select the channel with the least interference. Also, smart seamless roaming while the user is moving around in a building in between two or more AP. The ComFi EL610 is suitable to apply in hotels, dormitories, lobbies, lounges, shopping outlets, classrooms, serviced offices, etc.

Hardware Specifications

Model	ComFi EL610				
CPU	MT7628DAN				
Flash	8MB				
DDR2	64MB				
Wi-Fi Frequency	2.412 ~ 2.484GHz				
Wi-Fi Standard	802.11b/g/n MIMO 2T2R				
Wi-Fi Antenna	2dBi Internal Antenna x 2				
SSID Hide	Support				
Data Rate	2.4GHz: 300Mbps				
Modulation	OFDM = BPSK, QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK				
Max Users	30+				
Wi-Fi Transmit Power	802.11b	11M	17±2dBm	1M	19±2dBm
	802.11g	54M	16±2dBm	6M	18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
Wi-Fi Reception Sensitivity	802.11b	11M	-82dBm	1M	-94dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm

	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
Wireless Functions	Auto-Channel Selection				
	Distance Control (802.1x Ack Timeout)				
	Multiple SSID (4 SSID)				
	BSSID				
Wireless EVM	802.11b: ≤-10dB 802.11g: ≤-25dB 802.11n: ≤-28dB				
PPM	±20ppm				
Operation Mode	AP Mode, Gateway Mode, Repeater Mode				
Wi-Fi Encryption	Open, WPA, WPA2, WPA-PSK, WPA2-PSK				
WAN	1 x 10/100Mbps WAN Port Auto MDI/X Support IEEE 802.3af 48V PoE				
LAN	1 x 10/100Mbps LAN Port Auto MDI/X				
Reset	1 x Reset Pin-hole (Short press 1 time: Light Off, Short press 2 time: Light off and Wi-Fi off, Long press 10 second to perform factory reset)				
PoE	48V (IEEE 802.3af), 0.5A				
LED Indicators	SYS indicator				
Power Consumption	< 8W				
ESD-I	Air Discharge: ±4KV				
Surge	Common Mode: ±2KV				
Size	86 x 86 x 35MM				
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, Windows 10, MAC OS, NetWare, UNIX or Linux				
Working Environment	Working Temperature: -20°C to 55°C Max Working Temperature: -30°C to 55°C Storage Temperature: -40°C to 70°C Humidity: 5% ~ 95% (Non condensing)				
AC Control Management	Optional: support AP management via AC controller (under FIT AP mode)				

Product Views

Order Information

Model	WIFi ON/OFF Switch	LAN Ethernet Port	FIT/FAT Mode*
ComFi EL610	✓	✓	✓

Standard Product Packaging
- 1 x ComFi EL610 Wall Access Point Device
- 2 x Installation Screws
- 1 x User Manual
- 1 x Warranty Card

*FIT AP mode is maintained and managed by ACs.

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