Air Pro®

Simple | Secure | Trusted

Indoor 4G Wireless Router

PRODUCT OVERVIEW

AP-LTE130 is an indoor 4G wireless router support VPN. Comply with IEEE 802.11b/g/n MIMO standard, the data rate up to 300Mbps, more than 30 end users can access into it; With SIM card slot, build in QUECTEL LTE module, it support FDD-LTE/TDD-LTE for worldwide use with 150Mbps downlink speed. Beside that, there are 3*10/100Mbps WAN/LAN ports, automatically switch to WAN Ethernet if 4G drop.

PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-LTE130			
CPU	Mt7628			
FLASH	8MB			
SDRAM	64MB			
DC-DC	12V 1.0A			
INTERFACE				
LAN	3*10/100M Base-T LAN, support IEEE 802.3/802.3u auto-negotiation			
WAN/LAN	1*10/100MBase-T WAN/LAN, support IEEE 802.3/802.3u auto-negotiation; It is LAN port when work as 4G Router, WAN port when work as wireless router Support PPPoE, Automatic IP, Static IP, PPTP, L2TP, 4G			
4G Antenna Connector (Selective)	External Female SMA Connector, Impedance 50Ω			
WIFI Antenna Connector	External Male SMA Connector, Impedance 50Ω			
SIM Card Slot	Support SIM Card Slot			
DC Power	12V/1.0A			
RESET	Press it 10 seconds, Reset to factory default			
LED Light	WAN, LAN, Wi-Fi, System			
TECHNICAL				
RF 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	15±2dBm	MCS0 17±2dBm
Receive Sensitivity	802.11b	11M	-85dBm	1M -94dBm
	802.11g	54M	-72dBm	6M -90dBm
	802.11n HT20	MCS7	-70dBm	MCS0 -88dBm
	802.11n HT40	MCS7	-68dBm	MCS0 -86dBm
EVM	802.11b: ≤-10dB, 802.11g: ≤-25 dB, 802.11n: ≤-28 dB			
PPM	±20ppm			
Channel	1-13, Support auto channel			
Standard	802.11b/g/n			
Bandwidth	HT20, HT20/HT40			
Security	Open System, Shared key, WPA-Personal, WPA2-Personal, WPA-Auto-Personal, WPA-Enterprise (Radius), WPA2-Enterprise (Radius), WPA-Auto-Enterprise (Radius), Radius with 802.1x			
RF Power Adjustable	Support			
4G TECHNICAL				
LTE Module Model	Quectel EC20 R2.1			
Data Rate:	LTE-FDD: Max 150 (DL) / MAX 50 (UL) LTE-TDD: Max 130 (DL) / MAX 35 (UL)			

PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-LTE130
Working Temperature	-30 °C- +55°C
Max Working Temperature	-40 °C- +85°C (Throughput some decrease)
Storage Temperature	-40 - +70
Humidity	5% - 95% (No Condensation)
Firmware Functions	
Wi-Fi	Support Auto Channel, Guest SSID, SSID hide, Wireless MAC filter, white and black list
Net	PPPoE, Automatic IP, Static IP, L2TP, PPTP, 4G Support automatically switch between WAN/ISP and 4G Support VPN server and VPN client: PPTP, L2TP and OpenVPN Support AP+Client Support NAT, URL Filter, MAC Filter and Network Service Filter
Firewall	Support DoS attack protection, SYN flood attack WAN PING, SSH, HTTP Access NTP and account setup;
Other functions	Port forwarding Virtual Server Watchdog DMZ DDNS

Connection Diagram

Ethernet Cable

Ethernet Cable

Ethernet Cable

Ethernet Cable

Power Adapter

4G LTE SIM Card

4G/LTE Connection

Modem

Internet

Air Pro