

INDOOR ACCESS POINTS

TR 1300 · TR 2200



100%
DESIGNED
by Ek

- ✓ IEEE 802.11ac Wave 2
- ✓ Data-rate capacity from 1300Mbps (dual-band) to 2200Mbps (tri-band)
- ✓ MU-MIMO technology for simultaneous communication with multiple devices.
- ✓ Up to 8 spatial streams for high concurrency of simultaneous users
- ✓ Beamforming technology with wireless transmission beam adaptation
- ✓ Fast roaming 802.11k / v / r
- ✓ Supports SSID Broadcasting and multiple SSIDs
- ✓ 5GHz network prioritization for decongestion of the 2.4GHz band
- ✓ Possibility of user isolation
- ✓ Simple programming via web interface in several languages
- ✓ Adjustable high Wireless power
- ✓ 2 GE LAN ports (10/100/1000Mbps)
- ✓ PoE 802.3at 48Vdc power supply or autonomous with external power supply
- ✓ Easy-to-install ceiling or wall mounting
- ✓ High quality housing with high heat dissipation. Suitable for any type of environment (-30°C ~ 70°C)
- ✓ Possibility of centralized management and provisioning through EK controllers (UC TRB, UC TR and UC HS)
- ✓ Access points combinable with the EK network hotspot and auditing (CM HS and HS BASIC)



EKSELANS BY ITS



TR 1300 · TR 2200



TECHNICAL INFORMATION

REFERENCE	TR 1300
Code	331000
Hardware:	
Chipset	Qualcomm IPQ4019+QCA9886+QCA8075
Standard	802.11ac/b/g/n, MIMO technology
DDR3	512MB
Flash	32MB
2.4G Frequency	2.4GHz - 2.484GHz
2.4G Wi-Fi standard	802.11b/g/n
5.8G Frequency	IPQ4019: 5.150GHz-5.320GHz QCA9886: 5.500GHz-5.825GHz
5.8G Wi-Fi Standard	802.11 a/n/ac
Interface	1 * 10/100 /1000Mbps RJ45 WAN Port
	1 * 10/100 / 1000Mbps RJ45 LAN Port
	1 * Reset button, press 10 seconds to revert to default setting
Antenna	Build in 3dBi MIMO Antenna
Data Rate	1300Mbps (400Mbps 2.4GHz + 900Mbps 5GHz)
End Users	64
RF Power	<25dBm
DC	12V 2A
PoE	48V (IEEE 802.3at)
LED light	Sys, WAN, LAN
ESD	±4KV
Max Power Consumption	<24W
Size	198mm x 198mm x 41.02mm
Weight	786.7g
Firmware Features:	
Operation mode	Wireless AP: Plug and Play Gateway: Dynamic IP/Static IP/PPPoE Wi-Fi Repeater: Bridge exist wireless signal, then extend to more range. WISP: For WLAN ISP, bridge ISP's exist wireless signal, then dial-up to obtain Ethernet and extend more wireless range.
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4
	Support SSID hidden
	Support seamless roaming, 802.11kvr standard.
	Support 5G Prior for a faster Ethernet.
	Wireless Security: Open, WPA, WPA2PSK, TKIPAES, WAP2_EAP, 802.1x
	MAC filter
	Support Wi-Fi time on/off to save energy
	Support client isolation to improve the wireless stability
	Support RF power adjustable, adjust the RF power based on environment.
Networking Function	Support user quantity limited, Max 64 users to access each band.
	VLAN settings
	Cloud access support in gateway mode
Device Management	Back-up configuration
	Restore the configuration
	Reset to factory default
	Reboot the device: including time reboot or reboot immediately
	Admin management password modify
	Firmware upgrade
	System log
	Support firmware GUI web management, AC controller management, remote management and cloud management
Protocols	IPv4
Others:	
Environment	-30~70°C Humedad: 5%~95%



TECHNICAL INFORMATION

REFERENCE	TR 2200
Code	331001
Hardware:	
Chipset	Qualcomm IPQ4019+QCA9886+QCA8075
Standard	802.11ac/b/g/n, MIMO technology
DDR3	512MB
Flash	32MB
2.4G Frequency	2.4GHz - 2.484GHz
2.4G Wi-Fi standard	802.11b/g/n
5.8G Frequency	IPQ4019: 5.150GHz-5.320GHz QCA9886: 5.500GHz-5.825GHz
5.8G Wi-Fi Standard	802.11 a/n/ac
Interface	1 * 10/100 /1000Mbps RJ45 WAN Port
	1 * 10/100 / 1000Mbps RJ45 LAN Port
	1 * Reset button, press 10 seconds to revert to default setting
Antenna	Build in 3dBi MIMO Antenna
Data Rate	2200Mbps (400Mbps 2.4GHz + 900Mbps 5G + 900Mbps 5GHz)
End Users	64
RF Power	<25dBm
DC	12V 2A
PoE	48V (IEEE 802.3at)
LED light	Sys, WAN, LAN
Surge	Different Mode: ±2KV, Common Mode: ±4KV
ESD	±4KV
Max Power Consumption	<24W
Size	198mm * 198mm * 41.02mm
Weight	786.7g
Firmware Features:	
Operation mode	Wireless AP: Plug and Play Gateway: Dynamic IP/Static IP/PPPoE Wi-Fi Repeater: Bridge exist wireless signal, then extend to more range. WISP: For WLAN ISP, bridge ISP's exist wireless signal, then dial-up to obtain Ethernet and extend more wireless range.
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 8
	Support SSID hidden
	Support seamless roaming, 802.11kvr standard.
	Support 5G Prior for a faster Ethernet.
	Wireless Security: Open, WPA, WPA2PSK, TKIPAES, WAP2_EAP, 802.1x
	MAC filter
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	Support firmware GUI web management, AC controller management, remote management and cloud management
Protocols	IPv4
Others:	
Package Contents	2200Mbps Dual Band wireless access point Ethernet Cable / Quick Installation Guide Installation Accessory
Environment	-30~70°C Humedad: 5%-95%