# Ek EKSELANS BY ITS

# TR ENTERPRISE SERIES.
## PROFESSIONAL WIFI ACCESS POINT SYSTEM

EKSELANS BY ITS

**Ek**

# TR ENTERPRISE SERIES PROFESSIONAL WIFI ACCESS POINT SYSTEM.

**TR ENTERPRISE**
PROFESSIONAL WIFI ACCESS POINTS



Ekselans by ITS R&D team has fully developed the new series of TR Enterprise WiFi access points, based on the extensive experience provided by the countless WiFi installations made with EK access points.

The TR Enterprise Series is based on a very powerful hardware design on which software has been developed capable of responding to the most demanding market demands in terms of connectivity, connection speed, high concurrent users and high demand for multimedia services (HD videos, streaming, online gaming,...). Hotels, hospitals, offices, industrial facilities, shopping malls, individual houses and apartments,... Wherever connectivity requirements ask for a professional solution, the TR Enterprise Series is the right choice.





DC

LED    WAN    LAN    RESET
       POE

**WHEREVER CONNECTIVITY REQUIREMENTS ASK FOR A PROFESSIONAL SOLUTION, THE TR ENTERPRISE SERIES IS THE RIGHT CHOICE.**

**802.11ac Wave 2**

**MU-MIMO**

**8 spatial streams**

## TR Enterprise Series Key-Points

- 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
- 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
- Contextual help menus in real time
- 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-intall 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)

**Roaming 802.11k/v/r**

**2 x GE LAN PORTS**

**5GHz PRIORITIZATION**

**Menús de ayuda en tiempo real**

**Ek**

# TR ENTERPRISE SERIE

| 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~5320GHz; 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 |
| End Users | 150+ |
| RF Power | £ 25dBm |
| DC | 12V    2A |
| PoE | 48V (IEEE 802.3at) |
| LED light | Sys, WAN, LAN |
| ESD | ±4KV |
| Max Power Consumption | £ 24W |
| Size | 198mm  * 198mm  * 41.02mm |
| Weight | Net 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 |
| | Support 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. |
| | Support user quantity limited, Max 64 users to access each band. |
| Networking Function | VLAN settings |
| | Cloud access support in gateway mode |
| Device Management | Back-up the 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 | Operating Temperature: -20~55  Limit working temperature: -30~70 Storage Temperature: -40~70 Humidity: 5%~95% non-condensing |

## TR 1300

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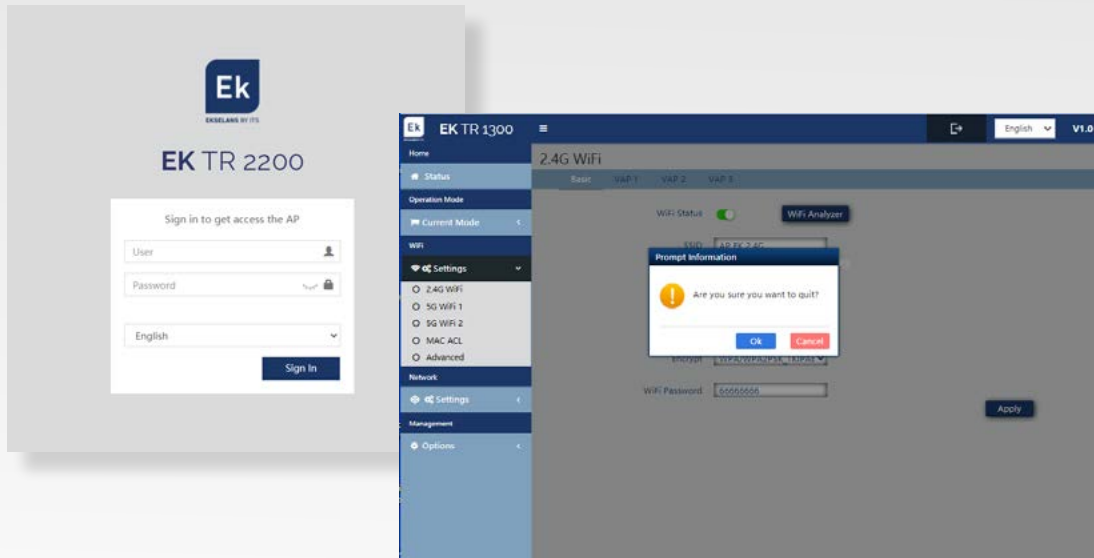**TR 1300**

# TR ENTERPRISE SERIE

**Ek**

## TR 2200

- 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.
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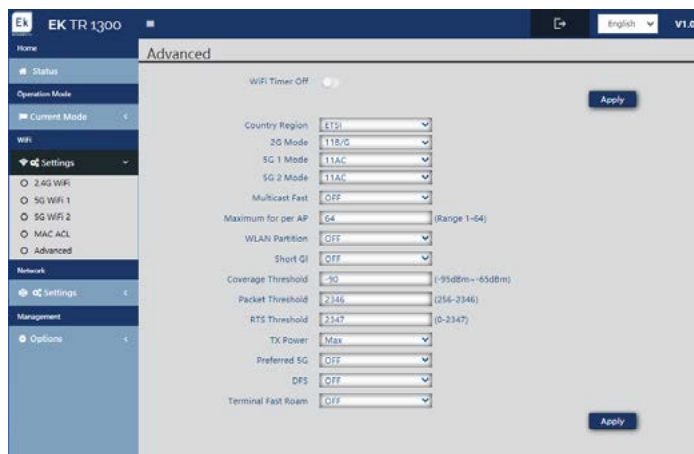- Access points combinable with the EK network hotspot and auditing (CM HS and HS BASIC)

**TR 2200**

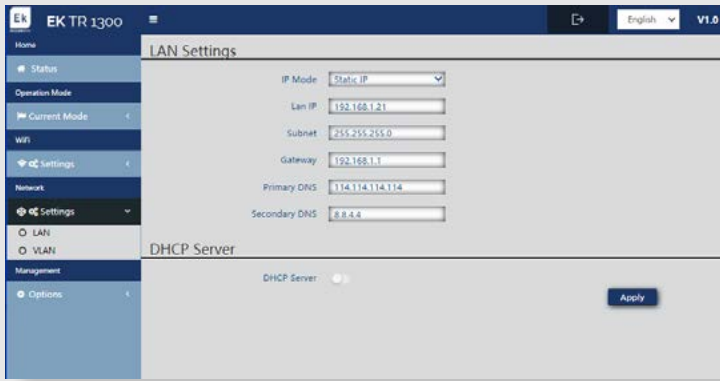| REFERENCE | TR 2200 |
|---|---|
| Code | 331001 |
| Hardware: | |
| Chipset | Qualcomm IPQ4019+QCA9886+QCA8075 |
| Standard | 802.11ac/b/g/n, MIMO technology |
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| Flash | 32MB |
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| LED light | Sys, WAN, LAN |
| Surge | Different Mode: ±2KV, Common Mode: ±4KV |
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| Weight | Net weight: 786.7g |
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| | Firmware upgrade |
| | System log |
| | 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 | Operating Temperature: -20~55  Limit working temperature: -30~70 Storage Temperature: -40~70 Humidity: 5%~95% non-condensing |

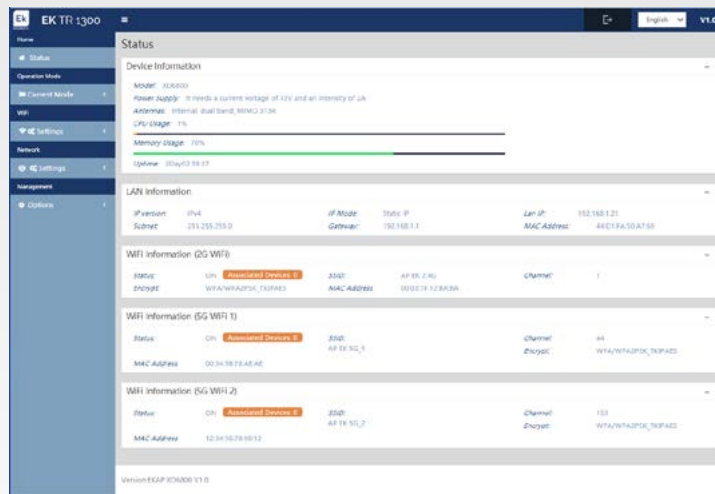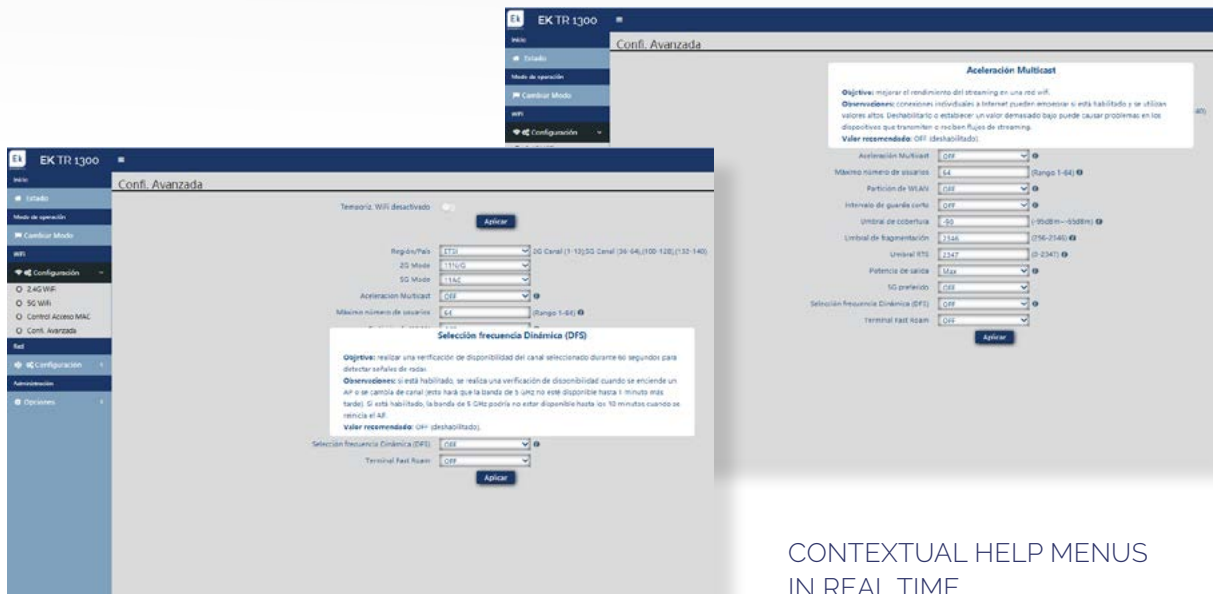# TR ENTERPRISE SERIES PROFESSIONAL WIFI ACCESS POINT SYSTEM.



LOGIN & LOGOUT



ADVANCED SETTINGS

NETWORK SETTINGS



STATUS



CONTEXTUAL HELP MENUS
IN REAL TIME

# Ek

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