

# INDOOR ACCESS POINTS

## TR 3000W6



100%  
DESIGNED  
by Ek



- ✓ IEEE 802.11 b/g/n/ac/ax
- ✓ Data-rate capacity 3000Mbps (tri-band)
- ✓ MU-MIMO technology for simultaneous communication with multiple devices.
- ✓ Beamforming technology with wireless transmission beam adaptation
- ✓ 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
- ✓ PoE 802.3at 48Vdc power supply or autonomous with external power supply
- ✓ Easy installation on ceiling or wall
- ✓ High quality housing with high heat dissipation. Suitable for any type of environment (-30°C ~ 70°C)
- ✓ Possibility of centralized management with EK CLOUD
- ✓ Access points combinable with the EK network hotspot and auditing (CM HS and HS BASIC)
- ✓ Compatible with PC controller "CSW"
- ✓ Compatible with Chromecast®



EKSELANS BY ITS



TR 3000W6



Rear view  
TR 3000W6



Rear view of TR 3000W6 with  
bracket removed



## TECHNICAL INFORMATION

| REFERENCE             | TR 3000W6                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------|
| Code                  | 331017                                                                                                           |
| Hardware:             |                                                                                                                  |
| Chipset               | Qualcomm IPQ5018+6102+8337                                                                                       |
| Standard              | 802.11 b/g/n/ac/ax, MU-MIMO                                                                                      |
| DDR3                  | 512MB                                                                                                            |
| Flash                 | 128MB                                                                                                            |
| 2.4G Frequency        | 2.4GHz - 2.484GHz                                                                                                |
| 2.4G Wi-Fi standard   | 802.11b/g/n/ax                                                                                                   |
| 5.8G Frequency        | 4,9-5,9GHz                                                                                                       |
| 5.8G Wi-Fi Standard   | 802.11 a/n/ac/ax                                                                                                 |
| Interface             | 1 port RJ45 WAN 10/100 /1000Mbps                                                                                 |
|                       | 1 port RJ45 console                                                                                              |
|                       | Reset button                                                                                                     |
| Antenna               | Internal antennas 4x4 dBi dual-nad MIMO                                                                          |
| Data Rate             | 3000Mbps (600Mbps 2,4GHz + 2400Mbps 5GHz)                                                                        |
| End Users             | 128                                                                                                              |
| RF Power              | 25dBm                                                                                                            |
| DC                    | 12V 2A                                                                                                           |
| PoE                   | 48V (IEEE 802.3at)                                                                                               |
| LED light             | Sys, WAN, LAN (configurable by SW)                                                                               |
| Max Power Consumption | <16W                                                                                                             |
| Size                  | 184mm x 184mm x 34mm                                                                                             |
| Weight                | 555g                                                                                                             |
| Firmware Features:    |                                                                                                                  |
| Operating modes       | Wireless AP, Gateway (Dynamic IP/Static IP/PPPoE), repetidor WiFi, modo WISP                                     |
| Wireless Functions    | Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4                                                                    |
|                       | Support SSID hidden                                                                                              |
|                       | Roaming estándares 802.11 k/v y seamless                                                                         |
|                       | Priorización red 5GHz                                                                                            |
|                       | 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                                                                                      |
|                       | Support user quantity limited                                                                                    |
|                       | VLAN settings                                                                                                    |
| Networking Function   | Possibility of centralized management and supply through the EK controllers (UC TRB, UC TR y UC HS) and EK CLOUD |
|                       | Back-up configuration                                                                                            |
| Device Management     | Restore the configuration                                                                                        |
|                       | Reset to factory default                                                                                         |
|                       | Reboot the device                                                                                                |
|                       | Admin management password modify                                                                                 |
|                       | Firmware upgrade                                                                                                 |
|                       | System log                                                                                                       |
|                       | Programming through web management                                                                               |
| Protocols             | IPv4                                                                                                             |
| Operating temperature | -30~70°C Humidity: 5%~95%                                                                                        |
| Mounting type         | Ceiling or wall                                                                                                  |