# Transmitter

## TS-W116 customized

## Description

The wireless access point has built-in smart matrix antenna, which can provide high-speed, and low-latency wireless network.

## Feature

* Comply with the Wi-Fi 6 protocol standard (IEEE 802.11ax), backward compatibility with 802.11a/b/g/n/ac/Wave2, support MU-MIMO, allow the AP to receive data from multiple terminals at the same time. The maximum transmission rate of the whole machine can reach 1.601Gbps, effectively provide higher-performance wireless access services in terms of coverage, access density, and traffic throughput.

* Support OFDMA spatial multiplexing technology and 1024QAM modulation and demodulation algorithm, which can provide faster wireless Internet access and larger wireless coverage, easily meeting the bearer and use of various wireless services, such as voice, text and other multimedia services.

* The uplink adopts Gigabit Ethernet port, which breaks through the limitation of the traditional 100M rate.

* Through the virtual wireless access point (Virtual AP) technology, up to 32 ESSIDs can be provided. Different SSIDs are isolated from each other. Layer 2 isolation can be performed on the subnets using the same SSID or under the same VLAN to ensure user data security.

* Support Chinese SSID, can use SSID with up to 31 characters, providing personalized SSID for construction units to improve recognition.

* Support WPA3 security protocol for more confidential and secure meeting.

* Support 80/160MHz high bandwidth frequency band, which can reduce congestion, achieve low latency and provide higher performance.

* Support local power supply and PoE remote power supply, which can be flexibly selected according to the on-site power supply environment.

* Beautiful appearance and easy installation. It is suitable for ceiling mounting, wall mounting and desktop installation.

## Specification

| Model | TS-W116 customized |
|---|---|
| Ethernet port | 1*10/100/1000Mbps |
| Console port | 1 RJ45 port |
| POE | Support 802.3at/bt Ethernet power supply standard |
| Adapter power supply | 12V/2A |
| Transmission power | ≤20dBm |
| Adjustable power granularity | 1dBm |
| Adjustable power range | 1dBm~corresponding national standards |
| Power consumption | <6W |
| Antenna | Built-in matrix smart antenna |
| Reset/restore factory settings | Support |
| Status indicator | 1* system indicator: Blue, normal online: always on, inactive: blinking, abnormal power-on: light off |
| Working/Storage temperature | 0℃~45℃ |
| Working/Storage humidity | 10%~90%RH |
| Protection class | IP41 |
| Weight | 0.473 kg |
| Dimension | 195*195*43mm |