

FLYINGVOICE

T5100

Industrial 5G Indoor/Outdoor CPE

Flyingvoice T5100 is an industrial-grade 5G CPE designed for outdoor use, with a robust design, IP67 dust-proof and water-proof rating and 6KV lightning protection design, which can be flexibly mounted on walls and poles. T5100 uses Qualcomm SDX65 chip and external 2 omni-directional antennas, supporting Sub-6 GHz and mmwave bands, meeting the rich band selection and more stable 5G network. And it also integrates a 2.5GE port with PoE, a SIM card slot, and a USB-C interface for external PC debugging, providing all-in-one versatility. The device eliminates the time and cost of laying wired networks such as fiber optics, providing users with quick and convenient broadband Internet access.



Key Features



Industrial-Grade Design

T5100 adopts Industrial-grade design, features a UV-resistant and weather-resistant PC shell. It complies with IP67 dustproof and waterproof rating, and supports 6KV lightning protection. With a working temperature range of -20°C to +55°C, it is designed for wide temperature adaptability for efficient use indoors and outdoors.



High-Speed 5G Network

T5100 built with Qualcomm SDX65 platform, and is equipped with 2 external omnidirectional antennas + 2 internal directional antennas, with a gain of up to 9dBi, which greatly improves the 5G signal transmission and reception coverage. And supports Sub-6 and mmwave bands to meet the band requirements of different countries and regions, allowing users to enjoy high-speed 5G Internet.



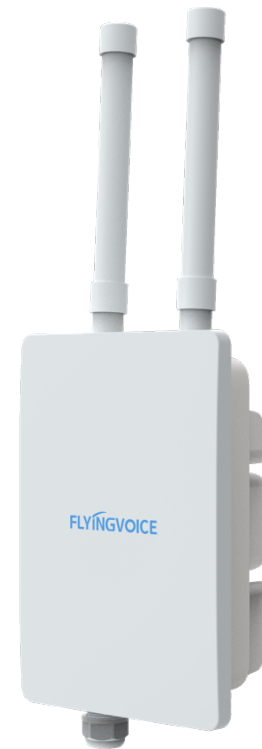
Rich Interfaces for Versatile Applications

T5100 is equipped with a 2.5GE port with PoE, ensuring high-speed network access. It also features a SIM card slot for the external Nano-SIM card, supporting 4G/5G Internet access. With a USB-C interface, it supports external PC connection for device debugging, offering a variety of interface options to meet different application needs.



Flexible Installation, Easy Deployment

T5100 supports wall and pole mounting installations. With its included metal mounting accessories, it can be securely fixed vertically on indoor and outdoor walls. It can also be mounted on various poles such as wire poles, lamp posts, and broadcast columns using the circular metal bracket. Various installation methods, suitable for various application places.



- Hybrid Directional + Omni-Directional Antennas
- Qualcomm SDX65
- Support Nano-SIM
- Support mmwave & Sub-6GHz Bands
- NSA & SA Modes
- 2.5 GE LAN Port with PoE
- Integrated Type-C USB Port
- APN Configuration
- TR069, Telnet Remote Management
- Support Schedule Reboot
- Support Provision
- IP67 Protection Level
- Support Wall and Pole Mounting

Hardware Features	
Ethernet Port	<ul style="list-style-type: none"> > 1 × 2.5Gbps LAN > PoE Power Supply, IEEE 802.3bt
SIM Card Slot	<ul style="list-style-type: none"> > 1 × Nano-SIM slot > Support eSIM / UICC / ISIM with TEE
USB interface	<ul style="list-style-type: none"> > 1 × USB3.0 (Type-C) > Support OTG
Antenna	<ul style="list-style-type: none"> > 2 × External Omni-Directional 5G Antennas > 2 × Internal Directional 5G Antennas > 4T4R MIMO > Gain: 9dBi > Transmit Power: 29dBm (PC-1.5) > Receive Sensitivity: -85dBm (100MHz BW) > Half Power Beamwidth: >±60° AZ & EL
5G NR Features	<ul style="list-style-type: none"> > 3GPP Release 16 > 5G/ LTE Chipset: Qualcomm SDX65 > Sub-6GHz & mmwave Frequency bands > 5G NR SA & NSA/4G LTE/WCDMA
	<ul style="list-style-type: none"> > 5G mmwave Frequency Bands: n257/n258/n260/n261 > mmwave Max Bandwidth: 800MHz
	<ul style="list-style-type: none"> > 5G Sub-6 Frequency Bands (NSA&SA): n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n75/n76/n77/n78 > Sub-6 Max Bandwidth: 200MHz
4G LTE Features	<ul style="list-style-type: none"> > Category: DL Cat 20/ UL Cat18 > Frequency Bands: B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42/B43
3G WCDMA Features	<ul style="list-style-type: none"> > Frequency Bands: B1/B5/B8
LED Indicators	<ul style="list-style-type: none"> > 1 × Power Indicator (Red/Green) > 1 × 5G Signal Indicator (Red/Green/Blue)
Reset Button	<ul style="list-style-type: none"> > 1 × RST Button
Dimension	<ul style="list-style-type: none"> > 162.5mm × 249mm × 81.5mm (L × H × W)
Net weight	<ul style="list-style-type: none"> > 1.478Kg
Basic	
Protective design	<ul style="list-style-type: none"> > IP67 Dust-proof and Water-proof Level > Lightning Protection: <ul style="list-style-type: none"> - Common mode 6KV - Differential mode 6KV

Operating environment	<ul style="list-style-type: none"> > Operation temperature: -20°C ~ +55°C > Storage temperature: -40°C ~ +85°C > Relative humidity: 10%~90% (No Condensing)
Installation methods	<ul style="list-style-type: none"> > Wall Mount, Pole Mount > Vertical Rotation Angle: ±40° Angle > Horizontal rotation: ±40° Angle
管理和应用	
Network Performance	<ul style="list-style-type: none"> • NSA Downlink: Up to 2.2Gbps Uplink: Up to 600 Mbps • SA Downlink: Up to 2.2Gbps Uplink: Up to 750 Mbps
	<ul style="list-style-type: none"> > Support NAT, IP Passthrough > Support DHCP > Support 4G/5G Network Services > Support NSA/SA Networking Modes > Support Data Roaming > Support APN > Support PIN Code Verification > Support PLMN Lock
Management Applications	<ul style="list-style-type: none"> > Network Management Interface: Supports web configuration > Support Firmware upgrade, Restore factory settings, Reboot and Schedule Reboot > Support Provision Batch Deployment > Support TR069 > Support FTP/TFTP/HTTP/HTTPS Auto-provision > Support Telnet > Local Syslog > SNTP Time Synchronization > Support Packet Tracing, PING, Traceroute, TWAMP Reflector
Package Content	
Details	<ul style="list-style-type: none"> > Flyingvoice T5100 ODCPE > 1 × AC Power adapter, 1 × 48V PoE Adapter, 1 × CAT6 5-meter Network Cable > Metal Bracket Bag, Screw Bag > Quick Installation Guide
Detail	<ul style="list-style-type: none"> > Qty/CTN: 4PCS > Weight / Box: 2.668Kg > G.W/CTN: 12.5Kg > Giftbox size: 348 × 294 × 159mm (L × H × W) > Carton size: 605 × 336 × 364mm (L × H × W)

About Flyingvoice

Flyingvoice is a leading manufacturer of VoIP phones, VoIP adapters and VoIP routers, which are widely used throughout the world and highly praised by international carriers, ITSP, ISP and company users.

Driven by ongoing innovation of VoWLAN, Flyingvoice is committed to making easier VoIP products by enabling the enterprise network and united communication. Our people are continuously improving our products and expanding product applications tailored to client's requirements, which make you collaborate securely, effectively and efficiently – anytime & anywhere.

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