

HM-5200T

5G ODU

Bringing 5G to Your Doorstep: Seamless Signals, Infinite Possibilities



The HUMANETWORKS **HM-5200T 5G ODU** is engineered to optimize data speeds and performance, facilitate superior call connectivity and coverage, and extend battery life for mobile devices.

Advantages of the HUMANETWORKS **HM-5200T 5G ODU** include:

1. Enhanced by 2.5GE with PoE technology, it supports a multitude of devices, making it ideal for larger spaces.
2. Featuring high gain Smart Antennas, it ensures powerful signal reception and transmission.
3. Effortless installation due to its user-friendly design and compatibility with various network setups.
4. Compact and lightweight size, seamlessly integrating into your home environment.

Product Features

5G/ 4G Features

5G/4G Platform	Chipset	MediaTek T750
3GPP	5G	Release 15
	LTE	Cat.19
Network Type (RF Band)	5G Frequency SA/NSA	n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n71/n75/n76/n77/n78
	LTE Frequency	B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42/B43/B71
	WCDMA	B1/B5/B8
5G/4G MIMO	5G	DL: 4 × 4 UL: 2 × 2(only support 5G SA)
	LTE	DL: 4 × 4 UL: 1 × 1
Data Rate	5G	5G SA Sub-6 : DL 4.67Gbps; UL 1.25Gbps
	LTE	LTE: DL 1.6Gbps; UL 210Mbps
Antenna	6 Internal Antenna Omnidirectional antenna /Directional antenna gain : up to 9dBi	
Output Power	5G: 23dBm±2dBm 26±2dBm (for n41/n77/n78) LTE :23dBm±2dBm 26±2dBm (for B41)	

WIRELESS FEATURES

Wi-Fi	2.4GHz 802.11ac
Bluetooth	BLE 5.4 Class 1.5 6dBm
Antenna	omnidirectional antenna gain 3dBi

REGULATION & PACKAGE

Regulation and Certification Compliance	CE, GCF, RoHS	
Device	1x ODU Device	
Accessories	Mounting Kit(Wall, Pole, Window, Widow Sill)	
Package Contents	Data cable	1x 10m Ethernet Cable
	Adapter	1x POE Adapter
	Quick Guide	1x Quick Guide

Product Features

GENERAL HARDWARE FEATURES

Environment	Operating Temperature	-30~55°C
	Storage Temperature	-40~70°C
Installation	Pole / Wall / Window / Window Sill Mounting	
Interface	1x 2.5Gbps Ethernet port with 802.3af POE-PD(12.95W)	
	1x Type-C USB port for Data	
	1x 4FF SIM card(not included SIM Card)	
Button	Reset	
Waterproof Level	IP65	
ESD Protection	+/-15KV	
Lightening(Surge) Protection	+/-6KV	
Power Supply	POE 48V/0.3A	
Power Consumption	<10W	
Adapter	POE injector	
Dimensions (W x D x H)	193 x 115 x 38mm	
Weight	<500g	
Display	6x LED indicator(PWR, LAN, NETWORK, Signal Strength 3xLEDs)	

Software Features

General

- IPv4/IPv6 dual stack
- SPI Firewall, Denial of Service (DDoS) protection
- APN & Dial Automatic and Manual Settings
- SIM Lock/ Band Lock/Cell Lock support
- TR069/TR181
- eSIM (Optional)

Installation

Wall mounting



Pole mounting



Window mounting

