

# Huawei OptiXstar T600W Datasheet

Wi-Fi Video Backhaul Remote Terminal

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## Product Overview

Huawei OptiXstar T600W pole-mounted Remote Terminal (RT) for enterprise campuses. They provide one GE port on the network side, one GE port and 5G Wi-Fi function on the user side to support HD video backhaul services.



## Product Highlights

- Anti-interference: industry-leading high-power air interface technology with excellent anti-interference.
- High reliability: protected to IP65 against water and dust.
- High security: dedicated access authentication to prevent unauthorized access.

- Wide temperature range: -40° C to +60° C, strong environment adaptability.
- Multi-level cascading: 8-level cascading without throughput deterioration.
- Easy maintenance: one-click configuration, unified management and configuration of cameras and networks, visualized topology, and fast fault demarcation.

## Technical Specifications

<b>Dimensions</b>	220mm x 220mm x 96mm(Without socket and other accessories)	<b>Static power consumption</b>	8 W
<b>Weight</b>	About 2.5 kg	<b>NNI</b>	GE
<b>Operating temperature</b>	-40°C to +60°C	<b>UNI</b>	1GE+5G Wi-Fi
<b>Operating humidity</b>	5%RH to 95%RH (non-condensing)	<b>Surge protection specifications</b>	GE: common mode 6 kV, differential mode 1.5kV. AC power: common mode 6kV, differential mode 6kV.
<b>Power adapter input (Optional)</b>	100V to 240V AC, 50/60Hz	<b>Protection level</b>	IP65
<b>System power supply</b>	12V, 2A	<b>Installation mode</b>	Outdoor pole installation
<b>Maximum power consumption</b>	9 W	<b>Antenna</b>	Gain: 17±1 dBi Antenna angle: 17 degrees

## Port Parameters

<b>GE port</b>	<b>WLAN</b>
<ul style="list-style-type: none"> <li>• Port type:RJ-45</li> <li>• GE ports: Auto ports speed(10/100/1000 Mbit/s)</li> <li>• Auto-MDI/MDIX</li> <li>• Configuration of the number of MAC addresses learned</li> <li>• VLAN transparent transmission/VLAN filtering</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11 a/n/ac(5G)</li> <li>• 2 × 2 MIMO(5G)</li> </ul>


## Function List

Network management	Smart O&M	Multicast	Security
<ul style="list-style-type: none"> <li>iClient network management system</li> </ul>	<ul style="list-style-type: none"> <li>Rogue ONT detection and isolation from the OLT</li> <li>PPPoE/DHCP simulation testing</li> <li>Ring check</li> </ul>	<ul style="list-style-type: none"> <li>Default/Static/Policy/Service routes</li> <li>VLAN binding</li> <li>ALG/UPnP/ARP</li> <li>DDNS/DMZ/DNS/NAPT</li> <li>PPPoE/Static IP/DHCP</li> <li>Port mapping/Port trigger</li> <li>IPv6</li> </ul>	<ul style="list-style-type: none"> <li>Safe boot</li> <li>IPv6/IPv4 firewalls</li> <li>Filtering based on MAC/IP/URL</li> <li>DoS/ARP anti-attacks</li> <li>Static MAC address binding</li> <li>Device access control</li> <li>Web session number restriction</li> </ul>
Multicast	QoS	Layer 2 Management	
<ul style="list-style-type: none"> <li>IGMP v2/v3 snooping</li> <li>Dynamic controllable multicast</li> <li>IGMP proxy</li> <li>MLDv1/MLDv2 snooping</li> </ul>	<ul style="list-style-type: none"> <li>Ethernet port rate limitation</li> <li>802.1p priority</li> <li>SP/WRR/SP+WRR</li> </ul>	<ul style="list-style-type: none"> <li>DHCP Option82</li> <li>PITP</li> <li>BPDU transparent transmission</li> <li>LLDP/LLDP-MED</li> </ul>	

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