



# 4G Industrial Wireless Router

Model: LBT-T300

Version: 350-CN-4GA-W4-S1-RS485

## Product Introduction:

The T350 industrial router is a high-performance wireless communication product developed based on the requirements of 4G networks. It supports rail mounting and has a dual SIM card slot design. The product supports transparent data transmission and is widely used in various scenarios such as business data transmission, image transmission, equipment operation status monitoring, and wireless WiFi coverage for industry users. The device uses a high-performance 32-bit processor that can handle various network protocols and a large amount of network data at high speed. This router supports practical functions such as network hot backup and hardware watchdog, allowing users to obtain a fast, stable, and uninterrupted network through our products. This product supports the use of multiple 4G industrial modules to support different frequency bands, and is applicable to various industries such as power, finance, communication, public security, heat, industrial control, meteorology, water conservancy, transportation, and municipal services.

Countries	4G/5G network solutions	Wireless network	Number of slots	Serial port Protocol	Custom content
CN= China Version EU= European version NA= North American version GL= Global Edition SA= South American version JP= Japanese version AU= Australian version	A= Domestic Q= Qualcomm V=4G private network R=Redcap H= hisilicon	W0= No WiFi W4=WiFi4 W5=WiFi5 W6=WiFi6	S1= Single card S2= Dual cards	RS232 RS485 TTL	DO POE GPS ESIM

Example: 350-CN-4GA-W4-S1-RS485; Version 350, China 4G domestic solution, single band WiFi4, single card, protocol RS485, no customization

Note: Some versions do not allow customization of the above content.

## ○ Hardware parameters

Product size	99*88*30mm(L×W×H)
Power supply	DC: 12V/1A
External interface / Protection level	Reset button: 1 Indicator lights: 5 Antenna interface: 1-4 (optional) SIM card slot: 1 DC power supply interface 1 (2.1mm round power connector) with surge protection RS485 interface: 3 (4PIN terminal male connector Edg 3.5mm) GPIO interface: Supports 2 channels of analog input/controlled output with audio isolation (requires additional customization) LAN port: 2 (LAN0 is WAN/LAN adaptive) Protection level: IP30
Indicator light	LAN、WAN/LAN、WLAN、LTE、SYSTEM
Antenna	SMA external rotating inner hole
Storage memory	Storage: 8MB, Memory: 128MB
Power consumption (current)	Less than 400mA
Certification	CE、FCC、CCC
Work environment	Operating temperature: -30 to +65°C Storage temperature: -40 to +90°C Humidity: 0 to 90% (no condensation)

## ○ Optional frequency bands

4G band	CN: FDD-LTE B1/3/5/8 TDD-LTE B38/39/40/41 NA: FDD-LTE B2/3/4/5/7/8/12/ 13/17/25/26/66 TDD-LTE B41 AU:FDD-LTE B1/3/5/7/8/20/28 TDD-LTE B38/40/41
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## ○ Feature Data

Basic Features	4G Internet Protocol: 4G Dial-up Internet Access, DHCP/Static IP/PPPoE Supported number of users: Wired: 253, Wireless: 30 VPN Protocol: PPTP Client, L2TP Client (only supported in dedicated network version) WiFi Protocol: IEEE802.11b/g/n Network Functions: DDNS, NAT, DNAT, DMZ, Port Forwarding
WLAN Security Consultative	OpenSystem, WPA-PSK, WPA2-PSK, WPAPSK/WPA2 PSK, WPA1 / WPA2
Operating frequency band	2400-2483.5MHz
WiFi transmission Rate/Data	Transfer rate: 300Mbps(MAX) (theoretical maximum) WiFi data: 802.11n:-66dBm at 300 Mbps HT40MCS7:+14dBm(±2dB) 802.11b:-86dBm at 11Mbps/CCK:+14dBm(±2dB) 802.11g:-73dBm at 54Mbps/OFDM:+14dBm(±2dB)
System Services	Virtual servers, port triggers, serial port services, firewalls, MAC filtering, access control, port blocking, regional Settings, factory reset, NTP server Settings, backup system information, software upgrades, remote management
Operating system Browser	System :Windows XP/VISTA, Linux 2.6, Windows 7 , MAC OS: 1 0.3.7 ; Browser :IE:6.0 Safari:1.2.4

## ○ Product packaging size/weight

Product weight (g)	427.5g
Product dimensions (mm)	99.88.30mm
Packaging size (cm)	35*18*7cm
Product packaging weight (kg)	1kg
Outer box dimensions (cm)	71.3*44.3*26.8cm
Container weight estimate (kg)	22kg

## ○ Housing positioning holes

## ○ Standard accessories



Power adapter \*1

Optional: British Standard /  
European Standard / American  
Standard



2 m suction cup antenna -  
WiFi



2 m suction cup antenna -4G  
(Optional cabinet antenna, rubber stick  
antenna, etc.)



Certificate of conformity \*1