

4G Industrial Wireless Router

Model: LBT-T300

Version: 304K-CN-5GA-W4-S1-RS485

Product Introduction:

This flagship wireless communication product, developed based on 4G network requirements, has a wireless rate of up to 300 Mbps. It can meet the stable, secure and simple internet access needs of small networks such as offices and households. It can also be applied in the Internet of Things communication industry, providing users with wireless long-distance data monitoring, collection and transmission functions. It supports all-network 4G network access, fully compatible with 4G/3G/2G networks. It is equipped with 3 10/100M adaptive Ethernet LAN interfaces for connection with the internal local area network; 1 10/100M adaptive Ethernet WAN interface for wired broadband access.

It has a built-in quick setup wizard to guide customers to complete the configuration easily; the default 4G access mode, plug-and-play with the card; it supports both 4G and wired broadband access methods, supports mobile, unicom and telecom 4G/3G/2G internet cards, and has the advantage of 4G internet access in areas where wired bandwidth cannot reach, automatically switching between 4G and wired connections without interruption.

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: 304K-CN-4GA-W4-S1-RS485; Version 304K, 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	233*162*32.5mm(L×W×H)
Power supply	DC: <10W
External interface / Protection level	Reset button: 1 Indicator lights: 8 Antenna interfaces: 1-4 (optional) SIM card slot: 1 WPS button: 1 Type-C power supply interface: 1 WAN port: 1, LAN ports: 3 Protection level: IP30
Indicator light	POWER、WAN、LAN1、LAN2、LAN3、2.4G、4G、WPS
Antenna	SMA external rotating inner hole
Storage memory	Storage: 2MB, Memory: 8MB
Power consumption (current)	Less than 400mA
Certification	CE、FCC、CCC
Work environment	Operating temperature: -20 to +70°C Storage temperature: -40 to +80°C Humidity: 5 to 95% (no condensation)

○ Optional frequency bands

4G band	CN: FDD-LTE B1/3/5/8 TDD-LTE B38/39/40/41 EU: FDD-LTE B1/3/5/7/8/20 TDD-LTE B38/39/40/41 NA: FDD-LTE B2/3/4/5/7/8/12/13/17/25/26/66 TDD-LTE B41 SA: FDD-LTE B2/4/5/7/8/28 TDD-LTE B40 J: FDD-LTE B1/3/8/18/19/26 TDD-LTE 41 GL: FDD-LTE B1/2/3/4/5/7/8/17/20/28 TDD-LTE B38/39/40/41
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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: 30, Wireless: 30 VPN Protocol: PPTP Client, L2TP Client (only supported in dedicated network version) WiFi Protocol: IEEE802.11b/g/n Network Functions: 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 Requirements	System :Windows XP/VISTA, Linux 2.6, Windows 7, MAC OS: 10.3.7 ; Browser :IE:6.0 Safari:1.2.4 Firefox:2.0.0.8

○ Product packaging size/weight

Product weight (g)	152g
Product dimensions (mm)	233*162*32.5mm
Packaging size (cm)	25*16*7cm
Product packaging weight (kg)	0.5kg
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



Certificate of conformity *1