LBT-T300-

T330

4G Wireless Router

LBT-T300-T330

The LBT-T300-T330 is a high-performance wireless industrial router developed based for 4G network access. The product supports transparent data transmission, and is widely used in various scenarios such as business data transmission, image transmission, equipment status monitoring and WiFi coverage. The device adopts a high-performance 32-bit processor, which can deal with various network protocols and massive network data at a high speed. The product supports hot backup of internet, hardware watchdog and other practical features and wide voltage range power supply, people can get high-speed stable uninterrupted internet through our product. The product can work with a variety of industrial 4G modules, is applicable to power, finance, public security, heat, industrial control, meteorological, water conservancy, transportation, municipal and other industries.

All metal enclosure

The LBT-T300-T330 with an all-metal enclosure meets the IP30 protection rating, the metal enclosure creates a shield for unwanted electromagnetic interference, which makes the product ideal for various industrial applications.
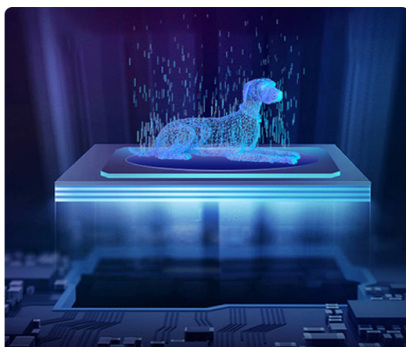
Flexible and cost-effective

Compatible with 2G/3G/4G, supports 4G to wired, 4G to WiFi, made to meet the scenarios that are hard to do wiring(inflexible, costly, long construction period, etc.)

Multi-scenario&Round-the-clockservice

Through dedicated design of hardware and software, our product can provide the round-the-clock uninterrupted high quality service in various industrial scenarios.

- Built-in high performance industrial module, compatible with 2G/3G/4G
- Dedicated hardware watchdog design
- Intelligent hot backup to ensure uninterrupted internet
- Failure detecting(auto reboot), reboot on schedule
- VPN client
- Wide voltage range DC(9-48V)
- Supports in-vehicle use with extended power module

Specifications

CPU/Memory

CPU	MT7628NN
RAM	64M
ROM	8M

4G

Standard	WCDMA R7, LTE R9
Compatibility	4G / 3G / 2G
4G Rate	150Mbps / 50Mbps
Frequency	CN - TDD LTE: B34/B38/B39/B40/B41, FDD LTE: B1/B3/B5/B8, WCDMA: B1/B8
	EAU - TDD LTE: B38/B40/B41, FDD LTE: B1/B3/B5/B7/B8/B20/B28/B32, WCDMA: B1/B3/B5/B8
	AM - FDD LTE: B2/B4/B5/B12/B13/B17/B66/B71*,WCDMA: B2/B4/B5

WLAN

Standard	IEEE 802.11 b/g/n
Frequency	2.4 Ghz
Radio mode	MiMo 2x2
Transmit Power	17dBm
Data rate	300Mbps
Sensitivity	11n : -70dBm@10% PER, 11g : -72dBm@10% PER, 11b: -88dBm@8% PER

Antenna

4G	External 5dBi 4G antenna x2
WiFi	External 5dBi 2.4 Ghz antenna x2

Interfaces

Wire	1 x 10/100M Auto MDI/MDIX RJ45 WAN port, 3 x 10/100M Auto MDI/MDIX RJ45 LAN port
Card slot	1 x SIM Card Socket
LED	3 x LAN, 1 x WAN, 1 x Wireless, 1 x 4G, 1 x Power, 1 x Internet
Other	Reset Button x 1

Software

Operating mode	Bridge, Router, Wireless station, Wireless repeater, 3G/4G mode
Internet method	3G/4G, WAN(Static IP, DHCP client, PPPoE client)
Services	DHCP Server, DHCP Relay, DDNS
Network techniques	Port forwarding, DMZ, UPnP, VPN(L2TP/PPTP, Static routing
Security	IP filtering, MAC filtering, URLfiltering, Port-scanning defense, SYN flooding attack defense
QoS	IP based
Other	Quick installation guide

Physical

Dimension	171 x 97 x 26.5 mm
Weight	440 g
Mounting	Desktop/Wall mount

Power

Power supply	12V/1A DC
Power source	100 – 240V AC, 50/60Hz
Power consumption (max)	12 W

Environmental

Operating temperature	-30° C ˜ +65° C
Humidity	0 ˜ 90 % (non-condensing)

Regulatory

Certification	Other

Package contains

Router	1
12V 1A DC	1
Antenna	2 x 4G antenna 2.4G antenna