



# 4G/5G Industrial Wireless Router

Model: LBT-T300

Version: D28G-CN-5GA-RS485

## Product Introduction:

This 4/5G industrial-grade wireless router is a performance-oriented wireless communication product developed based on 4/5G network requirements. It is mainly used for data transmission services of industry users, supporting transparent data transmission, image transmission, equipment monitoring, and wireless internet access functions.

It adopts an embedded high-performance CPU and can be paired with various 5G industrial communication modules (TDD-LTE/FDD-LTE, SA/NSA networks). It provides 10/100/1000 Ethernet ports, WiFi wireless interfaces, serial ports, and can be connected to various terminal devices. It supports WEB configuration mode, which is convenient and simple for management and supports remote cloud control.

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: D18G-CN-5GA-W4-S1-RS485; Version D18G, China 5G domestic solution, single band WiFi4, single card, protocol RS232, no customization

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

## ○ Hardware parameters

Product dimensions	143.7*103*44.2mm (L×W×H)
External interfaces / Protection level	RS232/485 interface: 1 (2.5mm 6PIN connector) WAN/LAN ports: 1 WAN port, 8 gigabit adaptive electrical ports, built-in lightning protection 4KV SFP: 2 * gigabit optical ports Reset button: 1 Power supply interface: 1 (6-pin 5.08 industrial DC power socket) Antenna interface: 4 SIM card slot: 1 Protection level: IP40
Power supply	DC power supply: 12-52
Indicators	PWR、LINK、ACT
Antenna	SMA antenna interface
Certifications	CE、FCC、Rohs
Storage memory	Storage: 16MB, Memory: 128MB
Power consumption (current)	<8W
Operating environment	Operating temperature: -40 ~ +80°C Storage temperature: -40 ~ +85°C Humidity: 5 ~ 95% (no condensation)

## ○ Product packaging size/weight

Product weight (g)	1000g
Product dimensions (mm)	144*104*40mm
Packaging size (cm)	385*220*64mm
Product packaging weight (kg)	1.5kg
Outer box dimensions (cm)	71.3*44.3*26.8cm
Container weight estimate (kg)	17kg

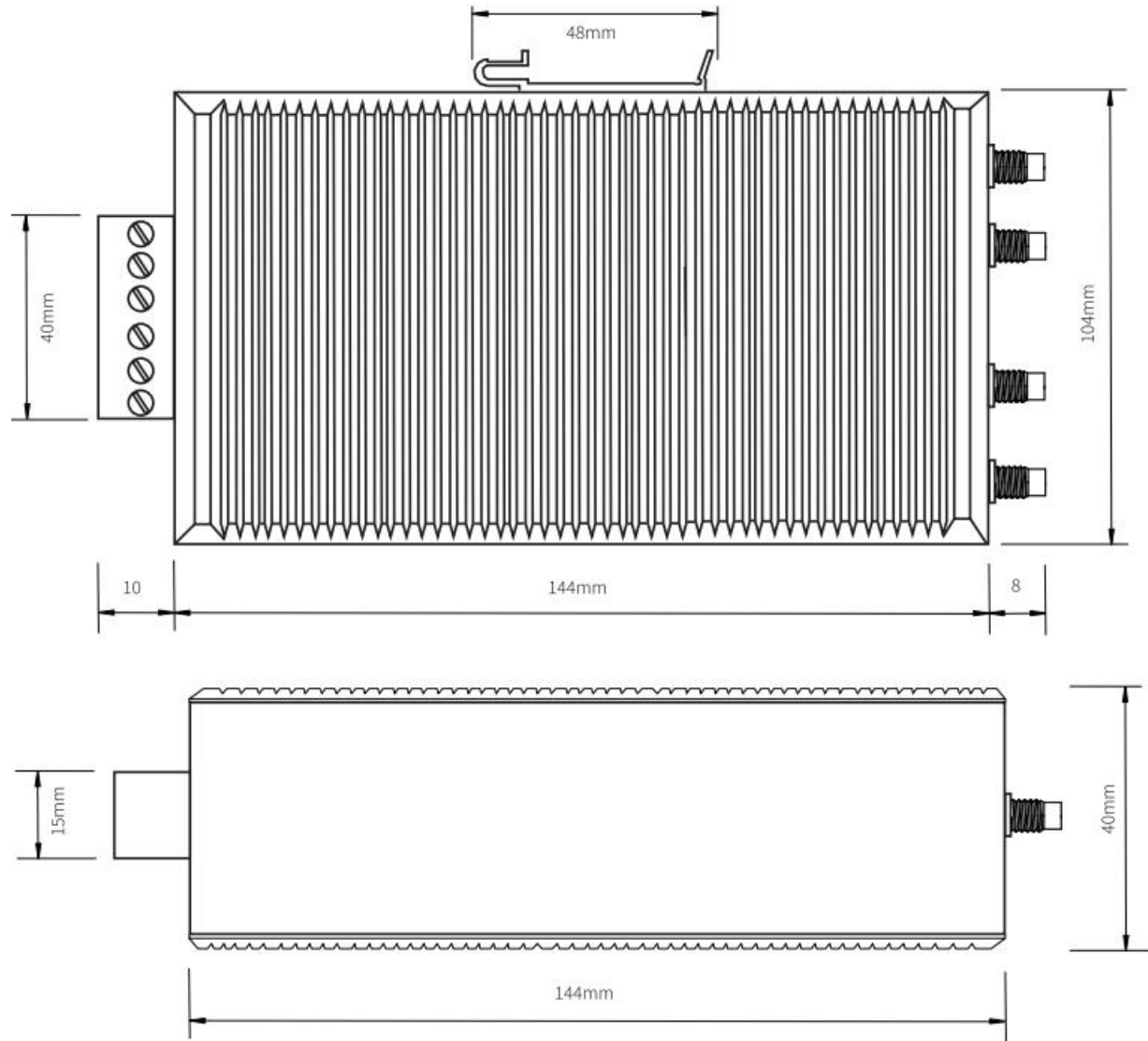
## ○ Feature Data

Basic Features	4G Internet Protocol: 4G Dial-up Internet Access, DHCP/Static IP/PPPoE Supported User Quantity: Wired: 253 VPN Protocol: PPTP Client, L2TP Client (Only the dedicated network version supports it) Network Functions: NAT, DNAT, DMZ, Port Forwarding Dynamic DNS: Supports Huaxia Shell, 88IP and dyndns domain name service providers
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u; 100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x;
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: 10.0.3.7 ; Browser :IE:6.0 Safari:1.2.4 Firefox:2.0.0.8

## ○ 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 AU:FDD-LTE B1/3/5/7/8/20/28 TDD-LTE B38/40/41 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
5G band (Optional)	CN: 5G NR NSA:N41/78/79 5G NR SA:N1/8/28/41/78/79 LTE-FDD B1/3/5/8 LTE-TDD: B34/38/39/40/41 EA: 5G SA&NSA:N1/3/5/7/8/20/28/38/40/41/71/77/78/79 LTE-FDD: B1/3/5/7/8/18/19/20/28/32 LTE-TDD: B34/38/39/40/41/42 GL5G NR SA: n1/2/3/5/7/8/12/20/25/28/38/40/41/48/66/71/77/78/79 5G NR NSA: n38/41/77/78/79 LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71 LTE-TDD: B34/38/39/40/41/42/43/48

## ○ Exterior positioning hole illustration



## ○ Standard accessories



Power adapter \*1  
Optional: British Standard /  
European Standard / American  
Standard



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



Certificate of conformity \*1