



4G Industrial Wireless Router

Model: LBT-T300

Version: 260S-CN-4GA-W4-RS485

Product Introduction

The 4G industrial-grade wireless router is a high-performance wireless communication product developed by Shenzhen Libtor Technology Co., Ltd. based on the requirements of 4G/5G networks. It is mainly used for industrial users' data transmission services, supporting functions such as transparent data transmission, image transmission, device monitoring and wireless routing for Internet access.

high-performance CPUs

routing and security, and can be paired with multiple 4G/5G industrial communication modules (TDD-LTE/FDD-LTE networks). It provides 10/100M Ethernet ports, WIFI wireless interfaces, and serial ports. Compatible with a variety of terminal devices.

Supports WEB configuration for easy and simple management, and supports remote cloud control.

Countries	4G/5G network solutions	Wireless network	Number of slots	Serial port Protocol	Custom content
CN= China Version EA= Europe / Asia 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 C1= Cat.1	W0= No WiFi W4=WiFi4 W5=WiFi5 * W6=WiFi6 *	S1= Single card S2= Dual cards *	RS232 RS485 TTL	DO * POE GPS * ESIM

Example: 260S-CN-4GA-W4-RS485 — 260S version, China 4G module, single-band Wi-Fi 4, single SIM, RS-485 serial port, no customization.

Note: Some versions do not allow customization of the above content. * = Not supported on this model.

Hardware parameters

Product size	83 × 66 × 26 mm (excl. antenna connector)
Power supply	DC power supply: 12-35 V / 1 A
External interface	Reset button: 1
Protection grade	Indicator lights: 4
	Antenna interface: 1-3 (optional)
	SIM card slot: 1
	DC power supply interface: 1 (2.1mm round power connector) surge protection, reverse connection protection, overvoltage protection
	RS232/485 interface: 1 (customized) (2.0mm 4PIN connector) LAN port: 2 (LAN1 is WAN/LAN adaptive)
	Protection level: IP30
	Built-in lightning protection for standard RJ45 (Ethernet) interface: 3 kV
Indicator light	LINK, SYS, WAN+LAN1, LAN2
Antenna	SMA female, swivel type
Storage memory	Flash: 8 MB, RAM: 64 MB
Authentication	CE, FCC
Power consumption (current)	≤ 400 mA @ 12 V DC (≈ 4.8 W)
Operating temperature Humidity	Operating temperature: -40 to +80 °C Storage temperature: -40 to +80 °C Humidity: 5 to 95% (non-condensing)

Optional frequency bands

4G band	CN: FDD-LTE B1/3/5/8 TDD-LTE B38/39/40/41 EA: 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 JP: FDD-LTE B1/3/8/18/19/26 TDD-LTE B41 GL: FDD-LTE B1/2/3/4/5/7/8/17/20/28 TDD-LTE B38/39/40/41
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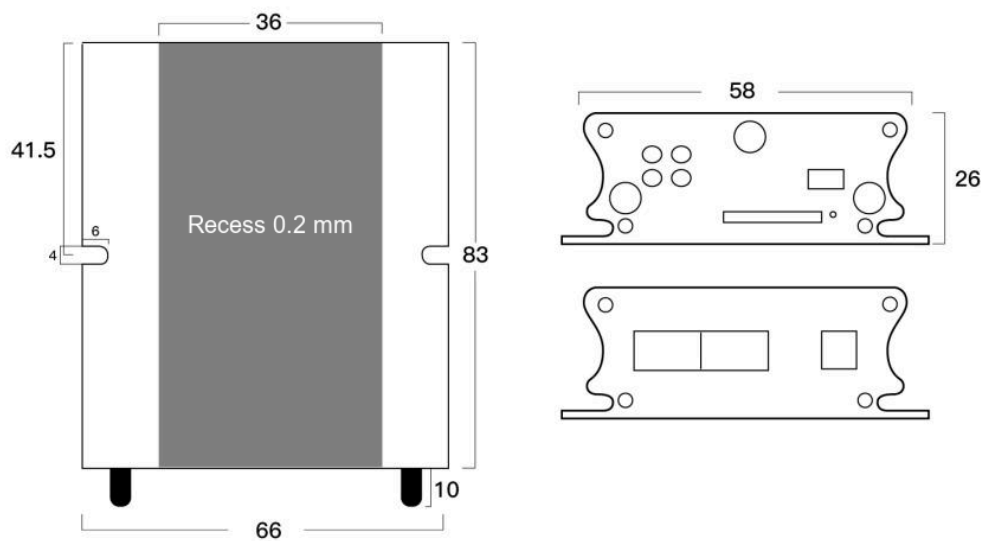
Feature Data

Basic Features	4G Internet Protocol: 4G dial-up access / DHCP / Static IP / PPPoE. Number of users supported: Wired: 253 Network functions: NAT, DNAT, DMZ, port forwarding Soft and hardware watchdog design to prevent system from freezing. When the router loses connection, it will automatically power off and restart to ensure stable and reliable operation of the equipment.
WLAN Security	Open system, WPA-PSK, WPA2-PSK, WPA-PSK / WPA2-PSK, WPA / WPA2
Operating frequency band	2400-2483.5 MHz
WiFi transmission Rate/Data	Transfer rate: 300 Mbps max. (theoretical) RX sensitivity / TX power: 802.11n: -66 dBm @ 300 Mbps (HT40 MCS7) 802.11b: -86 dBm @ 11 Mbps (CCK) 802.11g: -73 dBm @ 54 Mbps (OFDM) TX power: +13.5 dBm (n/g), +18 dBm (b)
System Services	Virtual servers, port triggers, serial services (DTU / RTU), firewall, MAC filtering, access control, port blocking, DHCP / DDNS, VPN, regional settings, factory reset, NTP, backup, firmware upgrade, remote management
Operating system Browser Requirements	System: Windows 10/11, macOS, Linux, Android, iOS. Browser: current versions of Chrome, Edge, Firefox or Safari

Product packaging size/weight

Product weight (g)	153g
Product dimensions (mm)	83*66*26mm
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)	15kg

Mounting dimensions



Standard accessories



Power adapter × 1
Optional: British Standard /
European Standard / American
Standard



2 m suction-cup antenna
Wi-Fi × 2



2 m suction-cup antenna
4G × 1



Certificate of conformity × 1