



4G Industrial Wireless Router

Model: LBT-T300

Version: 280-8-CN-4GA-W4-S1-RS485

Product Description:

The 4G industrial-grade wireless router is a high-performance wireless communication product developed by Shenzhen LINBLE Technology Co., Ltd. to meet the demands of 4G/5G networks. It is primarily used for data transmission services in industrial applications, supporting transparent data transfer, image transmission, equipment monitoring, and wireless routing internet access.

Equipped with an embedded high-performance CPU, this router effortlessly handles advanced functions such as routing and security. It is compatible with various 4G industrial communication modules (TDD-LTE/FDD-LTE networks) and features a 10/100M Ethernet port, Wi-Fi interface, and serial ports, enabling seamless integration with multiple terminal devices.

Supporting web-based configuration, it offers convenient and simple management, along with remote cloud control capabilities.

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: 280-8-CN-4GA-W4-S1-RS485; Version 280-8, 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	151*74.6*75mm(L×W×H)
Power supply	DC: 7-36V/3A
External interface / Protection level	Reset button: 1 Indicator lights: 12 Antenna interface: 1-5 (optional) SIM card slot: 1 DC power supply interface 1 (2.1mm round power connector) with surge protection RS232/485 interface: 1 (4PIN terminal male 3.5mm) GPIO interface: Supports 2 channels of analog input/controlled output with audio isolation (requires additional customization) LAN port: 8 (LAN0 is WAN/LAN adaptive) Protection level: IP30
Indicator light	LINK、SYS、WiFi、VPN、4G
Antenna	SMA external rotating inner hole
Storage memory	Storage: 16MB, Memory: 128MB
Power consumption (current)	Less than 400mA
Certification	CE、FCC、CCC
Work environment	Operating temperature: -40 to +80°C Storage temperature: -50 to +90°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: 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 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)	498g
Product dimensions (mm)	151*74.6*75mm
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



2 m suction cup antenna -
WiFi



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



SIM card *1



Certificate of conformity *1