



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

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|---------------------------------------|--|
| 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 |
|---------|---|

○ Feature Data

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|---------------------------------------|---|
| 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

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|--------------------------------|------------------|
| 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

Optional: British Standard /
European Standard / American
Standard



2 m suction cup antenna -
WiFi



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



Certificate of conformity *1