



4G Industrial-grade Router

Model: **T300**

Version: HW4-CN-4GA-W4-TTL

Product Introduction:

This product is a 4G CPE designed for outdoor installation. It is equipped with dual network ports and can provide wired network for other devices. It adopts a POE power supply design and offers flexible networking methods. By inserting a SIM card, you can easily provide network for the device. It can be used outdoors and has network availability anytime with the insertion of the card. It has functions of timed restart and firewall protection. It has built-in hardware watchdog to effectively prevent system crashes during operation. It has built-in dual firmware, which can automatically restore the system in case of software upgrade failure or startup abnormalities caused by software.

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: HW4-CN-4GA-W4-S1-RS485; Version HW4, China 4G domestic solution, single band WiFi4, single card, protocol TTL, no customization

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

○ Hardware parameters

Product size	24*14.2*6.5cm(L×W×H)
Operating frequency band	2412-2484MHz
Power supply	POE power adapter: 24V - 1A
External interface	Reset button: 1
Protection level	Indicator lights: 4
	Antenna interfaces: 1-4 (optional)
	SIM card slot: 1
	TTL interface: 1
	USB 2.0 terminal interface: 1
	LAN port: 2 (LAN2 is POE)
Indicator light	LAN1-LAN2、RUN、WiFi
Antenna	IPEX1 Mother Board
Storage memory	Storage: 16MB, Memory: 64MB
Power consumption (current)	4G: < 400mA
Work environment	Operating temperature: -35 to 75°C Storage temperature: -40 to 90°C

○ 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
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○ Feature Data

Basic functions	4G Internet Protocol: 4G Dial-up Internet Access, DHCP/Static IP Supported number of users: Wired: 20, Wireless: 20 Port protocols: NAT, DNAT, DMZ, Port Forwarding APN: L2TP, PPTP Soft and hard watchdogs for preventing system crashes. When the router loses internet connection, it will automatically power off and restart to ensure stable and reliable operation of the equipment.
LTE speed	FDD-LTE: 150M DL / 50M UL Cat4 TDD-LTE: 130M DL / 35M UL Cat4
WLAN Safety Protocol	OpenSystem、WPA-PSK、WPA2-PSK、WPAPSKWPA2PSK、WPA1WPA2
WiFi Transmission rate / Data	Transmission rate: 300Mbps (MAX) (Theoretical maximum value) WiFi data: 802.11n: -68dBm at 300Mbps HT20 MCS7: +14dBm (±2dB) 802.11b: -86dBm at 11Mbps CCK: +14dBm (±2dB) 802. 11g:-73dBm at 54 Mbps OFDM: +14dBm (±2dB)
Certification	CE、FCC
System Services	Port triggering, serial port service, firewall, MAC filtering, access control, port blocking, zone settings, factory reset recovery, NTP server settings, system information backup, software upgrade/remote management
Operating system Browser Requirements	System :Windows XP/VISTA, Linux 2.6, Windows 7 , MAC OS: 1 0.3.7 ; Browser :!E:6.0 Safari:1.2.4 Firefox:2.0.0.8

○ Product packaging size/weight

Product weight (g)	24g
Product dimensions (mm)	24*14.2*6.5cm
Packaging size (cm)	25.6*19.3*6.8cm
Product packaging weight (kg)	0.5kg
Outer box dimensions (cm)	71*41*56cm
Container weight estimate (kg)	17kg

○ Standard accessories



Power adapter *1

Optional: British Standard /
European Standard / American
Standard



Certificate of conformity *1