HUASIFEI Industrial grade intelligent 4G router WS300A

Product features

- Industrial grade design, equipped with 4G modules;

- 4G to wired to WIFI signal conversion, meeting various application scenarios;

- With a large number of devices, it is easy to connect to various wireless

terminal devices;

- No wiring, bid farewell to wired broadband, flexible installation;

- Free card replacement, plug and play, with network access for card insertion;

- Two 2.4G and two 4G high gain omnidirectional antennas are installed externally, with strong penetration and stable signal.

Product specifications

product name	Industrial grade intelligent 4G router	
product model	WS300A	
Hardware specifications		
hardware system	master control	MT7620A
	FLASH	16MB
	DDR	128MB
	4G module	EC200A/EC20/EC25/EP06
Wireless parameters	Protocol standards	IEEE 802.11 b/ g/ n
	Working frequency band	2.4GHz：2412MHz~2472MHz
	Wireless rate	300Mbps Max
	4G rate	LTE-FDD：B1/B3/B5/B7/B8/B20/B28 LTE-TDD：B38/B40/B41 WCDMA：B1/B5/B8 GSM：B3/B8
	Transmission power	18dBm Max
physical interface	network interface	1 10/100 Mbps RJ45 Ethernet WAN port

HUASIFEI Industrial grade intelligent 4G router WS300A

		4 10/100 Mbps RJ45 Ethernet LAN ports
	Power supply interface	1 DC power port, supporting 12V DC power supply
	SIM card interface	1 standard pop-up Mini SIM card slot
	Key switch	1 RESET reset button
	Antenna interface	2 standard SMA interfaces for 4G antennas (external interface, interchangeable with different antennas) 2 WIFI antenna standard SMA interfaces (external interface, can replace different antennas)
pilot lamp	LED indicator light	Respectively POWER，4G，WIFI，WAN，LAN1，LAN2，LAN3，LAN4
Power supply/power consumption	Power supply method	DC 12V~1A power supply
	Whole machine power	＜6W
product accessories	main engine	Industrial grade intelligent 4G router host * 1
	DC adapter	DC 12V/1A
	antenna	Two 5dBi high gain omnidirectional WIFI antennas Two 5dBi high gain omnidirectional 4G antennas
	other	User manual * 1, warranty card * 1, certificate of conformity * 1
Appearance/Packaging	Product size	External dimensions (length * width * height): 110mm * 90mm * 30mm (excluding antenna) Antenna height: 190mm
	Appearance material	Iron shell, frosted surface
	Appearance color	Black (customizable appearance color)
	weight	＜1.5kg
other	Protection level	IP31，2KV lightning protection
	Installation method	Desktop and wall mounted
	Usage environment	Working temperature: -10 ℃~55 ℃ Storage temperature: -40 ℃~70 ℃ Working humidity: 10%~90% RH non condensing Storage humidity: 5%~95% RH non condensing
Software specifications		
network	WAN access method	wired、4G
	External address detection	support
	External network status display	support
	LAN settings	support
	DHCP server	support

HUASIFEI Industrial grade intelligent 4G router WS300A

	Display of uplink/downlink speed	support
4G dialing	4G dialing method	Auto/Manual
	MAC Address Clone	support
	4G signal strength display	support
	4G module IMEI recognition	support
	SIM card number display	support
Wireless settings	Wireless switch	support
	SSID settings	support
	SSID hidden	support
	User isolation	support
	Wireless channel settings	support
	Transmission power setting	support
	Encryption method	WPAPSK，WPA2PSK，WPAPSKWPA2PSK
	Encryption type	TKIP，AES，TKIPAES
	Visitor control	support
	QoS settings	support
advanced setting	Static routing	support
	firewall	Support DMZ settings, port mapping, terminal management, MAC filtering, etc
	system management	Supports firmware upgrades, scheduled restarts, firmware file import and export, etc
	System Tools	PING detection, routing tracking, DHCP detection