



5G Industrial Grade Router

SN-R5GW-I

Key Features

- Industrial-grade connector
- plug and play
- 5G\4G\3G WLAN integration
- Multi-interface for multi-scene
- Integrated RF design, stable performance
- MQTT/TCP/UDP
- Global band

Mobile Broadband:

CPE/MIFI
Entertainment
Live video
Video conference

Smart traffic V2X:

Smart logistics
Traffic control
Smart highway

Smart Industry:

Router and Gateway
Robotic arm
Industrial Robot

New Energy:

Intelligent grids
Distribution control
Equipment patrol

Monitoring:

AI Biometrics
Telemedicine
AR/VR
Drone

AI tracking:

AI navigation
Trajectory control
Safety fence

Sparsh 5G IOT router supports 5G/4G/3G wireless network. It has two 1000M-WLAN ports to realize the integration of 5G, WLAN, Internet access and big data transmission.

It comes with a variety of USB\WLAN application interfaces, all of which use standard industrial-grade connectors, plug and play, and are suitable for upgrading and deployment of traditional equipment in different scenarios.

It has rich software functions, standard router protocols, cloud platform protocols, and supports multiple OS (such as Windows/Linux/Android). It can be widely used in various ADICT applications, such as live video, smart medical, smart education, smart cities, smart power, broadband networks, security monitoring, artificial intelligence recognition, rapid identification and other application scenarios that need to be applied.

Product Specifications:

RF Performance	
5G Band	LB: n5/8/20/28; MB: n1/3/4/66 HB: n7/38/40/41/48/77/78/79 4x4 MIMO: n1/3/4/7/38/41/48/66/77/78/79
4G Band	LB: B5(18/19/26)/8/20/28; MB: B1/3/4/66 HB: B7/34/38/39/40/41/42/43/48 4x4 MIMO: B1/3/66(4)/7/38/41/42/43/48
3G Band	WCDMA: B1/4/5/8
DATA RATE(Mbps)	5G SA Sub6 : DL2.12Gbps, UL900Mbps 5G NSA Sub6 : DL2.5Gbps, UL660Mbps LTE CAT13: 1Gbps (DL), 150Mbps (UL) WCDMA: 42Mbps (DL), 11Mbps (UL)
RF standard	3GPP
Network Protocol	TCP/UDP/FTP/HTTP/HTTPS/PING/SMS/IPV4/IPV6
Cloud Platform	MQTT
UI	English
Hardware	
USB	USB3.1
WLAN+LAN	Both, 100/1000 Base-T
Sim	Micro SIM support (Jio, Vi, Airtel)
Operating Voltage	12V,1A
LED	Power-1, Net-1
Reset	Reset Factory Settings
Antenna	1, 5G Antenna
Working Temp	-30°C ~ 70°C
Storage Temp	-40°C ~ 85°C

*Note: Product design specifications and colors are subject to change without notice to improve Reliability, Function or Design or otherwise. Errors and omissions excepted.
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Sparsh offers customized products and solutions as per site or customer requirements, minor changes in specifications and appearance are warranted and tracked version wise for customized requirements.