



## 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	
<b>5G Band</b>	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
<b>4G Band</b>	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
<b>3G Band</b>	WCDMA: B1/4/5/8
<b>DATA RATE(Mbps)</b>	5G SA Sub6 : DL2.12Gbps, UL900Mbps 5G NSA Sub6 : DL2.5Gbps, UL660Mbps LTE CAT13: 1Gbps (DL), 150Mbps (UL) WCDMA: 42Mbps (DL), 11Mbps (UL)
<b>RF standard</b>	3GPP
<b>Network Protocol</b>	TCP/UDP/FTP/HTTP/HTTPS/PING/SMS/IPV4/IPV6
<b>Cloud Platform</b>	MQTT
<b>UI</b>	English
Hardware	
<b>USB</b>	USB3.1
<b>WLAN+LAN</b>	Both, 100/1000 Base-T
<b>Sim</b>	Micro SIM support (Jio, Vi, Airtel)
<b>Operating Voltage</b>	12V,1A
<b>LED</b>	Power-1, Net-1
<b>Reset</b>	Reset Factory Settings
<b>Antenna</b>	1, 5G Antenna
<b>Working Temp</b>	-30°C ~ 70°C
<b>Storage Temp</b>	-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. Images displayed here are for illustration purposes only, actual product may vary.

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.