



4G Network Router

SN-R4GW

Key Features

- plug and play
- 4G/Wi-Fi 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 multi-interface global frequency band 4G plug-and play Router, based on LTE Cat.4 standard, built-in Wi-Fi, network port, triple play interoperability. Its global carrier frequency band can be customized.

The appearance structure and interface follow the IPC router standards and realize the plug-and-play interface such as Ethernet\USB\UART for wireless data transmission function for the Internet. This facilitates rapid deployment of networking to application scenarios.

Product Specifications:

RF Performance	
4G Band	FDD: B1/3/5/8 TDD: B34/B38/39/40/41 WCDMA: B1/8
Web Server	Support Windows 7/8/10 Linux2.6-5.4 Android 4.X/5.X/6.X/7.X/8.X/9.X
RF standard	LTE CAT4 3GPP R9
DATA RATE(Mbps)	FDD-LTE: Max 150Mbps (DL), 50Mbps (UL) TDD-LTE: Max 130Mbps (DL), 30Mbps (UL) WCDMA: Max 21Mbps (DL), 5.76Mbps (UL) EDGE: Max 236.8Kbps (DL), 236.8Kbps (UL) GPRS: Max 85.6Kbps (DL), 85.6bps (UL)
4G Wireless Performance	Transmitting power and Receiver sensitivity Conform to standard of 3GPP R9
Wi-Fi	2.4G, 1T1R (IEEE 802.11b/g/n)
Wi-Fi TR Power	17dBm in 802.11b 14dBm in 802.11g 13dBm in 802.11n
Wi-Fi Data Rate	11Mbps in 802.11b 54Mbps in 802.11g 150Mbps in 802.11n
Network Protocol	TCP/UDP/FTP/HTTP/PPP/FTP/MQTT/IPV4
UI	English
Hardware	
WAN+LAN	Both, 100/1000 Base-T
Sim	Micro SIM support (Jio, Vi, Airtel)
Operating Voltage	12V,1A
LED	Power/Net-1, Wi-Fi -1
Reset	Reset Factory Settings
Antenna	4- 4G, 1- Wi-Fi
Working Temp	-0°C ~ 50°C
Storage Temp	-10°C ~ 70 °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.