

> FDD LTE/ TDD LTE/ WCDMA/ GSM > Compact design > DIN rail mount



NSBon-61, compact, lightweight and cost-effective Industrial 4G LTE Cellular Routers, are built in 2-port fast Ethernet connection as well as support 2G/3G/4G mobile networks for wired and wireless communication in harsh environments. Equipped with RS232 serial port and digital input/output interfaces, the NSBon-61 are simple to configure and collect real-time data transmission quickly for Industrial IoT, outdoor video surveillance systems and M2M applications. The router is also compliant with IEEE 802.11b/g/n Wi-Fi connectivity.

Featuring VPN Tunnels, Firewall, TR069, and SNMP Trap, NSBon-61 enhance highly secure authentication, encryption and management to protect your data efficiently between public and private networking. Supporting -40~+75°C wide-temperature operation and flexible input voltage range of 8-48VDC for diverse environments and various applications.

Features :

- ` Compact and lightweight design with 2-port Ethernet interfaces
- ` Multi-band connectivity with FDD LTE/ TDD LTE/ WCDMA/ GSM/ LTE Cat 4
- ` Provide IEEE 802.11b/g/n Wi-Fi standards
- ` Built-in micro SIM connector, RS232 serial port, and DI/DO interfaces
- ` Integrated detachable antenna against radio interference
- ` LED indicators for connection and data transmission status
- ` Industrial rated from -40 to +75°C for use in harsh environments
- ` IPv6/IPv4 dual stack and all applications are IPv6 ready
- ` Enhance security and encryption for authentication and transmission

Cellular Standards and Interfaces	Management Interface
- FDD LTE/ TDD LTE/ WCDMA/ GSM	- Console/CLI, Web GUI, Telnet, SSH v2,
- LTE Cat4: 150Mbps (DL), 50Mbps (UL)	SNMP, TR069, HTTP/HTTPS
- 1 Micro SIM card slot	LED status indicators
- 2 SMA connectors for LTE antenna	- Power / Ethernet / RSSI LTE / Function
Hardware Interfaces	General Features
- 1 10/100Base-TX RJ45 LAN port	- Housing: IP30, DIN-rail or wall-mount
- 1 10/100Base-TX RJ45 WAN port	- Dimensions : 91 x 74 x 28 mm
- 2 RP-SMA connectors for Wi-Fi antenna	- Weight : 250 g
- 1 SMA connector for GPS antenna	- Power Input : 8 ~ 48VDC
- 1 RS232 (TXD/RXD/GND)	- Power Consumption : 7W
- 1 DI / 1 DO (Non-Isolated)	- Operating Temp.: -40 ~ +75°C
- WPS / Reset Button	- Humidity: 0 ~ 95% (non-condensing)

Network Protocols :

IPv4, IPv6, IPv4/IPv6 dual stack, DHCP server and client, PPPoE, Static IP, SNTP, GPS sync time, DNS Proxy, VRRP, OSPF, MQTT Broker, BGP, DDNS, QoS, UPnP

Alarm : VPN/WAN Disconnect, SNMP Trap, DI/DO, SMS, E-mail, TR069

Routing/Firewall :

NAT, Virtual Server, DMZ, VLAN, MAC Filter, URL Filter, IP Filter, Static Routing, RIP-1, RIP-2

VPN : OpenVPN, GRE, PPTP, L2TP, IPSec (3DES, AES128, AES196, AES256, MD5, SHA-1, SHA256)



NSBon-61 Industrial 4G LTE Cellular Router: 1 WAN, 1 LAN, 1 RS232, DI/DO, 1 micro SIM Slot
 NSBon-59 Antenna with bracket: GSM 900/1800 | 4G LTE/ 3G/ WiMax | Wi-Fi, 3m cable