Industrial 4G LTE Cellular Router

> 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 :	Routing/Firewall :
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	NAT, Virtual Server, DMZ, VLAN, MAC Filter, URL Filter, IP Filter, Static Routing, RIP-1, RIP-2
Alarm : VPN/WAN Disconnect, SNMP Trap, DI/DO, SMS, E-mail, TR069	**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