



Outdoor HSPA+ WiFi Router



Perfect for

- High speed mobile broadband that can move with you
- Locations without a fixed ADSL, Cable or Fibre connection available
- High bandwidth applications, such as media streaming to connected devices
- Future-proofing for Fibre with the Gigabit WAN/LAN port
- Sharing the functionality of connected USB devices with connected users

Features and benefits

- ⌚ Industrial-grade outdoor fixed wireless data gateway designed for rugged deployments in remote environments and industrial applications
- ⌚ Ideal for providing primary and backup wireless connectivity over 3G UMTS networks
- ⌚ Maximum data speed in downlink 21Mbps (HSDPA) and 5.76Mbps in uplink (HSUPA)
- ⌚ Embedded high-performance 3G cellular modem supporting HSPA+/EDGE/GPRS
- ⌚ IP67 and environmentally rated chassis to withstand extreme weather conditions
- ⌚ Extended temperature tolerance in operation -25 to 75°C
- ⌚ 2.4 GHz band wireless LAN access point with 2x2 MIMO antenna technology
- ⌚ IEEE 802.11n standard for wireless data speeds up to 300Mbps
- ⌚ Ethernet 10/100 connectivity with Power over Ethernet Injector for universal deployment
- ⌚ Analogue telephone connectivity (CS Voice) for complete landline replacement (optional configuration)
- ⌚ Alternative DC power input available as a optional extra to suit diverse installation environments
- ⌚ Built-in VPN clients for a secure connection over a public cellular network





SPECIFICATIONS

MEMORY

- 128MB DDR SDRAM | 256MB NAND Flash

OPERATING SYSTEM

- Embedded Linux 2.6

PEAK DATA SPEED

- Downlink: 21Mbps (HSDPA Cat. 14); Uplink: 5.76Mbps (HSUPA Cat. 6); EDGE MS Class 12: 247Kbps

CELLULAR BANDS

- UMTS/HSDPA/HSUPA: 850/900/2100/1900 MHz | GSM/GPRS/EDGE: 850/900/1800/1900 MHz

WIRELESS LAN

- IEEE 802.11b/g/n 2T2R; Frequency: 2.4 ~ 2.438 GHz; Ralink RT3072 Chipset; Peak Data Rate: Max 300 Mbps (MIMO, WPA2)

WIRELESS Security

- WEP 64-bit, WEP 128-bit, WPA, WPA2, WPA-PSK, WPA2-PSK, TKIP, AES, Multiple SSIDs

CONNECTIVITY

- 1x (RJ-45) Ethernet 10/100Base-TX Port with Auto MDIX, 1x Mini USB 2.0 Console Port, 1x DC-in Port, 1x FXS (RJ-11) Phone Port (optional)

ANTENNA INTERFACES

- 2x N-Type Cellular (MIMO) | 2x N-Type WLAN (MIMO)

SIM CARD READER

- Sealed Tray Reader, Push-Button-to-Release, Mini USIM/SIM Format

LED INDICATORS

- Power, Network Service Type, Tx/Rx Data Traffic, Data Carrier Connection, Signal Strength

REMOTE MANAGEMENT

- Web-based User Interface (HTTP), Telnet, SNMP v1/v2, TR-069 Client

LAN

- DHCP Server/Client/Relay, Static Route, UPnP

WAN

- WWAN (Cellular), PPPoE, PPP (PAP/CHAP)

ROUTING & POSITIONING

- Static, RIP (v1/v2), VRRP, Dynamic DNS, NAT, DMZ, MS A-GPS (for Location Based Services)

TELEPHONY

- Circuit-Switched Voice via Standard/Cordless Analogue Telephone

FIREWALL & SECURITY

- SPI Firewall, Anti-DoS

VPN

- PPTP, GRE, OpenVPN

ENVIRONMENT

- Normal Operating Temperature: -25°C ~ +60°C, Extended Operating Temperature: -25°C ~ +75°C (with Performance Deviations), Environmental Rating: IP-67 (sealed against water and dust)

POWER SUPPLY

POWER over Ethernet: 48 V DC

- DC In Port: 8 ~ 28 V optional with supply of external power supply

STANDBY Input Current

- 110 mA @ 12V DC

3G Active Input Current

- 300 mA @ 12V DC

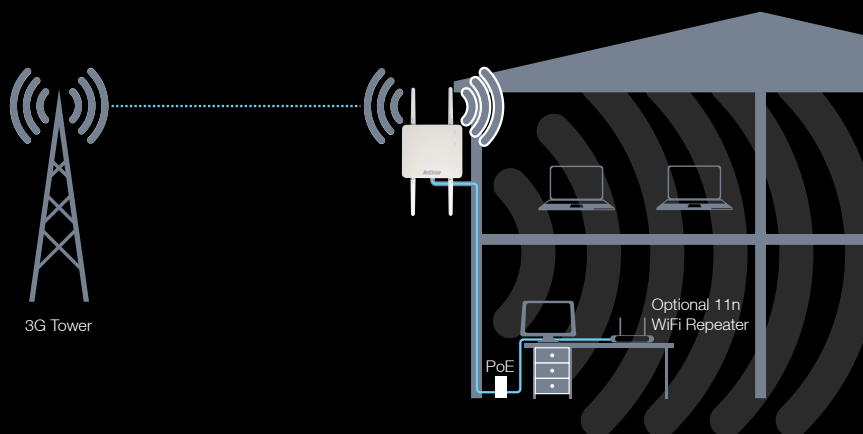
MAXIMUM Input current

- 560 mA @ 12V DC

DIMENSIONS & WEIGHT

- 255mm (L) x 240mm (W) x 80mm (D) 2345g (including mounting and antennas)

Outdoor HSPA+ WiFi Router



The NetComm Outdoor HSPA+ WiFi Router is designed to provide a high-speed Internet connectivity to homes and businesses with otherwise little to no Internet access available inside the premise. It connects to the 3G UMTS network and is mounted either on the wall or a pole and positioned in an optimal position on the outside of a property.

The NTC-30WV features a powerful antenna system, a cellular modem, a Wireless LAN access point and a telephone adapter together in one unit for use in an outdoor location.

The embedded cellular modem delivers data downloads of up to 21Mbps (HSPA+), which are routed via Ethernet connection inside the premise. With the integrated Wireless LAN 802.11n access point and MIMO antenna technology, the NTC-30WV can provide reliable WiFi coverage in the proximity of the premise for convenient outdoor Internet access.

The optional integrated telephone adapter connects standard analogue phone handsets to the NTC-30WV. It allows for phone calls to be made over the 3G UMTS network from inside the premise for a full landline replacement.



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