



WIFIBUS 3G PRO II



WiFiBus PRO II is a compact 3G wireless router for high-speed internet connection on board up to 21 Mbps with dual SIM failover. The device is suitable for up to 60 passengers and is equipped with two GSM dipole antennas with sticker for windshield, two WiFi stylus antenna and regulated switching power with cigarette lighter connector. WiFiBus 3G PRO device is always connected to the WiFiBus Cloud and managed remotely to customize login, restrictions such as video streaming, p2p protocols, adult content, downloading quota per day/per passenger, etc..

KEY FEATURES

- DC-HSPA+ up to 42 Mbps DL and 5.73 Mbps UL
- Quadband UMTS and GSM
- IEEE 802.11b/g/n WiFi with 2x2 MIMO up to 300 Mbps
- IEEE 802.3 and IEEE 802.3u standards
- Four Ethernet ports
- Durable aluminum housing
- External antennas
- Dual SIM



TECHNICAL DETAILS

UMTS EU/ASIA

850/900/AWS1700/1900/2100 MHz
HSDPA mode: 21 Mbps (Cat 14) downlink speed
HSUPA mode: 5.76 Mbps (Cat 6) uplink speed
UMTS mode: 384 kbps DL, 384 kbps UL
RX diversity antenna

GSM/GPRS/EDGE

850/900/1800/1900 MHz
Power class 4 (2 W, 33 dBm) GSM/GPRS 850/900 MHz
Power class 1 (1 W, 30 dBm) GSM/GPRS 1800/1900 MHz
Power class E2 (0.5 W, 27 dBm) for EDGE 850/900 MHz
Power class E2 (0.4 W, 26 dBm) for EDGE 1800/1900 MHz
GSM: 14.4 kbps DL, 14.4 kbps UL
GPRS: 107 kbps DL, 85.6 kbps UL (class 33)
EDGE: 296 kbps DL, 236.8 kbps UL (class 33)

ETHERNET

IEEE 802.3, IEEE 802.3u standards
3 x LAN 10/100Mbps Ethernet ports
1 x WAN 10/100Mbps Ethernet port
Supports auto MDI/MDIX

WiFi

IEEE 802.11b/g/n WiFi standards
2x2 MIMO
AP and STA modes
64/128-bit WEP, WPA, WPA2, WPA&WPA2 encryption methods
2.401 – 2.495GHz WiFi frequency range
20dBm max WiFi TX power
SSID stealth mode and access control based on MAC address

HARDWARE

High performance 560 MHz CPU with 128 Mbytes of DDR2 memory
5.5/2.5mm DC power socket

Reset/restore to default button

2 x SMA for LTE, 2 x RP-SMA for WiFi antenna connectors

4 x Ethernet LEDs, 1 x power LED

1 x bi-color connection status LED, 5 x connection strength LEDs

SOFTWARE

OpenVPN, IPsec, GRE, L2TP, PPTP

Backup WAN

PPPoE

Dynamic DNS

SMS and ping reboot, periodic reboot

Status, configuration via SMS

Send/read SMS via HTTP POST/GET

Monitoring by SNMP, SNMP trap, TR-069

System log to record the status of the router

VRRP

QoS and web filter

Wireless hotspot with or without RADIUS server

SIM card switch controlled by signal, data limit, roaming

Configuration profiles

Dual image with safemode firmware

Firmware update from bootloader via WebUI

Restore point

ELECTRICAL, MECHANICAL & ENVIRONMENTAL

Dimensions (H x W x D) 80 mm x 106 mm x 46 mm

Weight 250 g

Power supply 100 – 240 VAC -> 9 VDC wall adapter

Input voltage range 9 – 30VDC

Power consumption < 7 W

Operating temperature -40 °C to 75 °C

Storage temperature -45 °C to 80 °C

Operating humidity 10 % to 90 % non-condensing

Storage humidity 5 % to 95 % non-condensing