



WIFIBUS 3G PRO



WiFiBus PRO is a compact 3G wireless router for high-speed internet connection on board up to 21 Mbps. The device is suitable for up to 40 passengers and is equipped with two GSM dipole antennas with sticker for windshield, one 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

- HSPA+ up to 21 Mbps DL and 5.76 Mbps UL
- Quadband UMTS and GSM
- IEEE 802.11b/g/n WiFi with up to 150 Mbps
- IEEE 802.3 and IEEE 802.3u standards
- Four Ethernet ports
- Durable aluminum housing
- External antennas



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
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 320 MHz CPU with 256 Mbytes of DDR2 memory
5.5/2.5mm DC power socket
Reset/restore to default button

2 x SMA for GSM, 1
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) 100 mm x 85mm x 36 mm
Weight 210 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

