

# DinBox 3G Router

Industrial GPRS/3G Router

*Approved by Bausch Datacom!*

## GPRS/3G Router

The DinBox 3G Router is a WCDMA/HSDPA/HSUPA/HSPA+ router / cellular terminal device providing data communication functionality through a public WCDMA/HSDPA/HSUPA/HSPA+ network. The router has an embedded high-powered industrial 32-bits CPU and a real time operating system and both a RS232 or RS485/RS422 serial communication port and Ethernet port, allowing the transparent connection of existing serial and Ethernet devices to a cellular network.

The router can be used in M2M applications, including intelligent transport, industrial automation, telemetry, POS, utilities and others. The product supports VPN client and server (IPsec) and also local and remote firmware upgrades, along with import and export of configuration files. Other features are e.g. an embedded RTC, NTP and even a multiple DDNS provider.



## Product Highlights

- 3G Router
- DINrail
- VPN IPsec
- Ethernet + RS-485 ports
- Metal Housing

## Typical Applications

- Meter reading
- POS
- Vending Machines
- RTU Communication
- ATM Systems

# BAUSCH DATACOM

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## DinBox 3G Router specifications

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### Housing

- Housing Iron, IP30 protected
- DINrail brace
- Dimensions 157x97x25 mm
- Weight 440g

### Power Supply

- Standard Power DC 12V/1.5A
- Power range DC 5~35V
- Consumption <450mA (12V)

### Communication Engine

- Industrial cellular module
- Standards and frequency bands: UMTS / WCDMA / HSDPA / HSUPA
- HSPA+ in 850/1900/2100MHz, 850/900/1900/2100MHz (optional),
- GSM850/900/1800/1900MHz
- GPRS / EDGE CLASS 12
- Bandwidth: HSUPA:5.76Mbps (upload speed) / HSDPA:7.2Mbps (download speed) / UMTS:384Kbps (DL/UL) / HSPA+: 21Mbps (download speed)
- TX power: <24dBm
- RX sensitivity: <109dBm

### Processors

- CPU Industrial 32bits CPU
- FLASH 8MB (extendable to 64MB)
- SDRAM 64MB

### Environmental

- Operating Temperature -35~+75°C
- Storage Temperature -40~+85°C
- Operating Humidity 95% (unfreezing)

### Certification

- CE

### Routing & Security

- VPN client (PPTP, L2TP, OpenVPN, IPSEC and GRE (only for VPN version)
- VPN server (PPTP, L2TP, OpenVPN, IPSEC and GRE (only for VPN version)
- Local and remote firmware upgrade, import and export configuration file
- NTP, embedded RTC
- Multiple DDNS provider service
- MAC Address clone, PPPoE Server included
- Support multi online trigger ways, including SMS, ring and data. Support link disconnection when timeout.
- Support APN/VPDN
- Support DHCP server and client, firewall, NAT, DMZ host, URL block, QoS, speed statistics etc.
- Full protocol support such as TCP/IP, UDP ICMP, SMTP, HTTP, POP3, OICQ, TELNET, FTP, SNMP, SSHD, etc.
- Schedule Reboot, schedule Online and Off line ...

### Package

- DinBox 3G Router
- Cellular antenna(s) (Male SMA)
- Network cable
- Console cable
- Power adapter
- DINrail brace
- RS-485 cable
- dc cable (12V)

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