

# DinBox Ethernet Router

Industrial Ethernet (WiFi) Router

*Approved by Bausch Datacom!*

## Ethernet (WiFi) Router

The DinBox Ethernet Router is an all-round device with DIN-rail brace and many other industrial features such as DC power solutions, RS-485 serial interface, metal housing. It adopts a high-powered industrial 32-bits CPU and an embedded real time operating system. It supports RS232 (or RS485/RS422), Ethernet and WIFI ports that can connect several devices to a network, with only basic configuration. It supports strong VPN Ipsec security.

It can be deployed on M2M fields, such as self-service terminal industry, intelligent transportation, smart grid, industrial automation, telemetry, finance, POS, water supply, environment protection, post, weather, and so on.



## Product Highlights

- Router with 1 WAN & 4 LAN Ethernet ports
- DINrail brace
- VPN IPsec
- WiFi Option
- Ethernet + RS-485 ports
- Metal Housing

## Typical Applications

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

# BAUSCH DATACOM

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## DinBox Ethernet Router specifications

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.

### Housing

- Housing Iron, IP30 protected
- DINrail brace
- Dimensions 207x135x28 mm
- Weight 750g

### Power Supply

- Standard Power DC 12V/1.5A
- Power range DC 5~36V
- Consumption Communication:  
Working mode: 170-200mA@12Vdc  
Standby: 140- 155mA@12Vdc

### Processors

- CPU Industrial 32bits CPU
- FLASH 16MB(Extendable to 64MB)
- DDR2 128MB

### Environmental

- Operating Temperature: -35~+75°C(-31~+167°F)
- Storage Temperature: -40~+85°C (-40~+185°F)
- Operating Humidity 95% ( unfreezing)

### Package

- DinBox Ethernet Router
- WiFi antenna (Male SMA)
- Network cable
- Console cable
- Power adapapter
- DINrail brace
- RS-485 cable
- dc cable (12V)

### Certification

- CE

### Routing & Security

- Support VPN client (PPTP, L2TP, IPSEC and GRE) (only for VPN version)
- Support VPN server (PPTP, L2TP, IPSEC and GRE) (only for VPN version)
- Support multiple DDNS provider service
- Support local and remote firmware upgrade, import and export configure file
- Support NTP, RTC embedded
- Support VLAN, MAC Address clone, PPPOE Server
- Support multiple 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, traffic statistics, real time link speed statistics etc
- Full protocol support, such as TCP/IP, UDP, ICMP, SMTP(optional), HTTP, POP3(optional), OICQ(optional), TELNET, FTP(optional), SNMP, SSHD, etc
- Schedule Online and Offline

### Interfaces & Connectors

- Ethernet 5 x 10/100 Mbps Ethernet port(RJ45), auto MDI/MDIX, 1.5KV magnetic isolation protection  
Support several work modes  
Convenient configuration and maintenance interface (WEB or CLI)
- Serial 1 RS232(or RS485/RS422) port, 15KV ESD protection  
Data bits: 5, 6, 7, 8  
Stop bits: 1, 1.5(optional), 2  
Parity: none, even, odd, (space, mark)(optional)  
Baud rate: 2400~115200 bps
- Indicator PWR, SYS, Online, Alarm, Local Network, WAN, WiFi.
- Antenna WiFi: 1 standard SMA male, 50 Ohm, lightning protection
- Power: Standard 3-PIN power jack, reverse-voltage and overvoltage protection
- Reset: Restores the router to its original factory default settings

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