



AK-DinRail-3G-Router



Industrial mobile radio routers for Ethernet networks

With the **AK-DinRail-3G-Router** a high-performance **mobile radio router** for industrial Ethernet networks is available, which allows safe transfer of sensible data via mobile radio networks. The integrated **firewall** and the **VPN support** safely protect your application against unauthorised access. Remote stations are easily and straightforward integrated into an IP network via an **UMTS** connection. If UMTS is not available, the system automatically switches over to **GPRS/EDGE**. **4 configurable switching inputs** allow the independent sending of an SMS or an E-Mail, even to several recipients. The 4 integrated switching outputs can be actuated by means of a password-protected **SMS** message. Thus it is possible to remotely **monitor** the system status and to **switch** the functions. It can be attached to each top head rail / profile rail of 35mm in compliance with DIN EN 60715 (50022) and has a width of only 22.5 mm.

Technical data

- **Dimensions:**
22.5 x 120 mm (WxH)
- **Temperature range:**
-25°C .. + 60°C
- **Standards**
CE / WEEE / RoHS
EN 55022 Class B
EN 61000-6-2
EN 60950
EN 301511
- **Protection class**
IP30
- **Power supply:**
10-30 volts DC/ 4.8 watts
(at 24 volts <200mA)
Standby = 24V = <90mA
- **Mounting**
35mm top head rail/mounting rail
DIN EN 60715 (50022)
- **Connections I/O**
4 x digital input,
4 x digital output (about 180mA)
- **UMTS**
Frequencies : UMTS/HSPA
850,1900, 2100MHz

Transmitting
power : 0.25 W

Compatibility : UMTS/HSPA 3GPP
release 6
Data rate: HSUPA max. 5.76Mbps,
HSDPA max. 7.2Mbps
- **GSM**
Frequencies : GPRS/EDGE
850,900,1800,1900 MHz

Transmitting
power : max. 2.0 W

Compatibility : GPRS Class 12, Class B
CS1 - CS4
EDGE Multislot Class 10
Data rate: ≤ 210 kBit/s (EDGE)
- **SIM card**
Card holder : 2 x Mini-SIM
1.8 or 3 volts
- **Antenna**
Impedance : 50 ohms
SMA antenna socket
- **Ethernet (M-DIX)**
10 Half Duplex
10 Full Duplex
100 Half Duplex
100 Full Duplex
AutoSensing

Supported systems

1. Microsoft Windows 8
2. Microsoft Windows 7
3. Microsoft Windows Vista
4. Microsoft Windows 2003
5. Microsoft Windows 2000
6. Microsoft Windows XP
7. Microsoft Windows NT 4.0
8. Linux
9. UNIX

Supported protocols

1. IPv4
2. TCP
3. UDP
4. FTP
5. ICMP
6. ARP
7. SNMP
8. DHCP
9. DNS
10. IGMP
11. HTML
12. http
13. DYNDNS
14. SMTP
15. POP3
16. SYSLOG
17. SSH
18. OpenSSL
19. OpenVPN
20. IPv6

Views



Management

1. Telnet
2. Browser

Emulations and functions

- DYNDNS-Client
- IO - Control
- E-Mail - Client
- SYSLOG-Client
- Firewall
- SMS-Client
- Connection-Check