



Technical data sheet

AK-DinRail-4G-Router



AK-DinRail-4G-Router

Industrial mobile radio routers for Ethernet networks

With the AK-DinRail-4G-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 LTE connection. If LTE is not available, the system automatically switches over to UMTS/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.

Views



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

Emulations and functions

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

Technical Data

Dimensions:

22.5 x 120 mm (WxH)

Temperature range:

-25°C .. + 70°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/ 6 watts
(at 24 volts <250mA)
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)

LTE

Frequencies:

LTE

800, 850, 900, 1800,
1900, 2100, 2600 MHz

Transmitting power:

23 dB

UMTS

Frequencies:

UMTS/HSPA

850, 1900, 2100MHz

Transmitting power:

23 dB

GSM

Frequencies:

GPRS/EDGE

850, 900, 1800, 1900 MHz

Transmitting power:

max. 32,5 dB

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 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

Management

1. Browser