



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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.

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 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. DYNDDNS
14. SMTP
15. POP3
16. SYSLOG
17. SSH
18. OpenSSL
19. OpenVPN
20. IPv6

Views



Management

1. Browser

Emulations and functions

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