



AK-RailPort-XXL



Industrial device server to integrate serial terminals in a network

The AK-RailPort-XXL possesses two serial **RS232** or **RS485** interfaces. Each interface can be individually set and allows data rates of up to 1.000.000 bauds. Furthermore, it is possible to additionally set emulations, such as modems, Auto-Connect, Conntect-On-Data, TCP / UDP - Client with up to 10 parallel connections, TCP/UDP servers, tunnel mode with transfer of signal statuses such as settings, e-mail client including sending and receiving of e-mails. Furthermore, an additional SD card holder is available which allows saving one's own homepage or JAVA – Applets. It can be plugged on each 35mm top hat / DIN rail EN 60715 (50022).

Technical data

- **Dimensions:**
87 x 62 mm (WxH)
- **Temperature range:**
-40°C .. + 70°C
- **Standards**
CE / WEEE / RoHS
EN 55022 Class B
EN 55024 Class A
- **System of protection**
IP30
- **Power supply:**
7-32 volts / 0,96 watt
(such as 12 volts = 80mA)
- **Fixture**
35mm top hat / DIN rail
EN 60715 (50022)
- **Connections RS485**
2 x Removable socket terminal
strips included threaded terminal
end
Grid 5.08mm
- **Connections RS232**
2 x 9 pole Sub-D pin

RS232
Baud rate : up to 1MBaud
DataBits : 7,8
Parity : Odd,Even,None
Mark,Space
Signals : TXD, RXD, RTS,
CTS, DSR, DTR,
DCD,RI, GND

RS485
Baud rate : up to 1MBaud
DataBits : 7,8
Parity : Odd,Even,None
Mark,Space
Signals : TXD, RXD, GND

SD CARD slot
up to 4 GByte
FAT16
PC compatible

- **Ethernet (M-DIX)**
10 Half Duplex
10 Full Duplex
100 Half Duplex
100 Full Duplex
AutoSensing

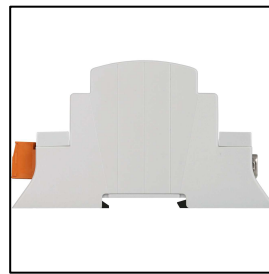
Supported systems

1. Microsoft Windows 7
2. Microsoft Windows Vista
3. Microsoft Windows 2003
4. Microsoft Windows 2000
5. Microsoft Windows XP
6. Microsoft Windows NT 4.0
7. Microsoft Windows ME
8. Microsoft Windows 98
9. Microsoft W95
10. Linux
11. UNIX

Supported protocols IP-Dual-Stack

- | | |
|------------|------------------|
| 1. IPv4 | 20. IPv6 |
| 2. TCP | 21. NDP |
| 3. UDP | 22. ICMPv6 |
| 4. FTP | 23. DHCPv6 |
| 5. TFTP | 24. TCPv6 |
| 6. ICMP | 25. UDPv6 |
| 7. ARP | 26. Netbios-NS |
| 8. SNMP | 27. LLMNR |
| 9. LPR | 28. ZeroConfig |
| 10. DHCP | -APIPA |
| 11. BOOTP | -AutoIP |
| 12. DNS | 29. IP-Multicast |
| 13. TELNET | |
| 14. HTML | |
| 15. http | |
| 16. DYNDNS | |
| 17. SMTP | |
| 18. POP3 | |
| 19. SYSLOG | |

Views



Management

1. Telnet
2. Browser
3. serial interface

Emulations and functions

- Modem Emulation
- Connect-On-Data
- Auto-Connect
- Tunnel-Mode
- DYNDNS-Client
- FTP-Server
- LPR-Server
- TTL – IO
- 20KB Flashdrive
- Flash-File-System
- SD- and DF-CARD
- E-Mail – Client
- TCP/UDP -Client
- TCP/UDP –Server
- SYSLOG-Client