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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-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

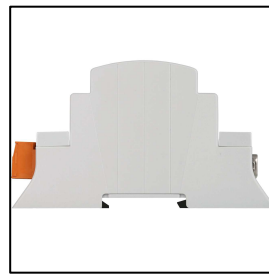
## Supported systems

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