



ConLine-V24-SXL



Serial device server for integration of terminals in an Ethernet network

The ConLine-V24-SXL device server allows you to connect serial terminals and machines to an Ethernet network by means of an RS232 / V24 interface and to reach and control them via e.g. Internet or LAN. The ConLine-V24-SXL is a small and compact cable solution which leaves nothing to be desired. The serial interface can be set individually and allows data rates of up to 2.500.000 bauds. Furthermore, it is possible to additionally set emulations, such as modem, Auto-Connect, Connect-On-Data, TCP / UDP client with up to 10 parallel connections, TCP/UDP server, tunnel mode with transfer of signal statuses as well as settings, e-mail client with sending and receiving of e-mails. In addition, the data connection can be secured against unauthorized access by third parties with integrated SSL/TLS data encryption.

Hardware description



Plug



Jack

Technical data

- **Temperature range:**
-40°C .. + 70°C
- **Standards:**
CE / WEEE / RoHS
DIN EN 55022 class B
DIN EN 55024 class A
- **Power supply:**
Power supply unit
5 volts / 1A
- **RS232**
Baudrate : up to 2.5 MBaud
DataBits : 7, 8
Parity : Odd, Even, None
Mark, Space
Signals : TXD, RXD, RTS,
CTS, DSR, DTR,
DCD, GND
- **Ethernet (MDIX)**
10 Half Duplex
10 Full Duplex
100 Half Duplex
100 Full Duplex
AutoSensing

Supported systems

1. Windows
2. Linux
3. Unix
4. Other

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 | 30. AK-M2M |
| 14. HTML | 31. IEEE802.1x |
| 15. http | 32. SSL 3.0 |
| 16. DYNDNS | 33. TLS1.0 |
| 17. SMTP | 34. TLS1.1 |
| 18. POP3 | 35. TLS1.2 |
| 19. SYSLOG | |

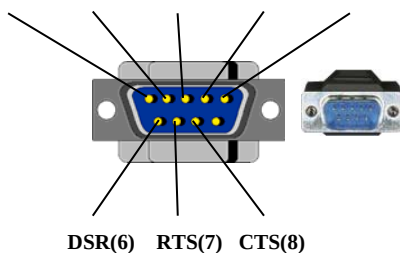
Management

1. Telnet
2. Browser
3. Serial interface

PIN ASSIGNMENT

9 POLE SUB-D PLUG

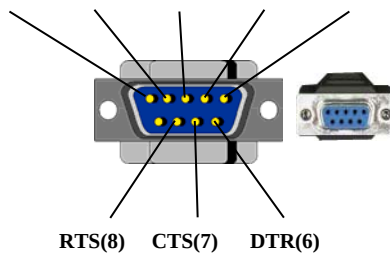
DCD(1) RXD(2) TXD(3) DTR(4) GND(5)



DSR(6) RTS(7) CTS(8)

9 POLE SUB-D JACK

GND(5) DSR(4) RXD(3) TXD(2) DCD(1)



RTS(8) CTS(7) DTR(6)

Emulations and functions

- Modem Emulation
- Connect-On-Data
- Auto-Connect
- Tunnel-Mode
- DYNDNS-Client
- FTP-Server
- FTP-Client
- LPR-Server
- 512KB internal Flashdrive
- Flash-File-System
- E-Mail – Client
- TCP/UDP -Client
- TCP/UDP –Server
- SYSLOG-Client
- M2M

Order numbers

ConLine-V24-XXL-S
ConLine-V24-XXL-B

including plug
including jack

Safety

- SSLv3
- TLS1.0
- TLS1.1
- TLS1.2
- IEEE 802.1x