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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ComPoint-LAN-SXL

■ MADE
■ IN
■ GERMANY

IPv6 READY

Device server to integrate serial terminals in the network

The ComPoint-LAN-SXL offers two independently operating serial **RS232** or **RS485** interfaces. Each interface can be individually set and it is possible to transmit baud rates of up to 2.500.000 bauds. It is possible to additionally set emulations as Modem, Auto-Connect, Connect-On-Data, TCP / UDP client with up to 10 parallel connections, TCP/UDP server, tunnel mode with transfer of the signal statuses as well as settings, e-mail client including sending and receiving of e-mails. Optionally the Compoint-LAN-SXL is available with **POE (Power over Ethernet)** as well as with a **36Volt** variant. In addition, the data connection can be secured against unauthorized access by third parties with integrated **SSL/TLS** data encryption.

Hardware description

Rear

Technical data

- **Temperature range:**
  -40°C to + 70°C

- **Standards:**
  CE / WEEE / RoHS
  EN 55022 Class B
  EN 55024 Class A

- **Power supply:**
  Power supply unit
  5 volts / 1A

  Optional:

  - POE IEEE802.3af
  - 34V switching regulator

Note All tensions can be switched via the internal jumper to pin 1 or 9 of the serial interface.

- **Dimensions:**
  100 x 28 x 110 mm (WxHxL)

- **RS232**
  Baud rate : up to 2.5Mbaud
  DataBits : 7.8
  Parity : Odd,Even,None
  Mark,Space
  Signals : TXD, RXD, RTS, CTS, DSR, DTR, DCD,RI, GND

- **RS485**
  Baud rate : up to 2.5Mbaud
  DataBits : 7.8
  Parity : Odd,Even,None
  Mark,Space
  Signals : TXD, RXD, 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

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

ComPoint-LAN-XXL-NT   -with 5V power unit
ComPoint-LAN-XXL-POE   -with PowerOverEthernet
ComPoint-LAN-XXL-36V   -with 34V switching regulator

Emulations and functions

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