

1-port Industrial Serial Device Server

065-1166

OVERVIEW

065-1166 is a one serial port to one Ethernet port industrial serial device server, which is a cost effective and reliable solution for bridging your serial based equipment to Fast Ethernet networks. 065-1166 can transfer serial data through TCP/IP, control remote serial devices with security, thus maximizing managerial efficiency. The serial port supports RS-232/422/485 or isolated RS-422/485, and the LAN port supports 10/100Base-TX or 100Base fiber optics.



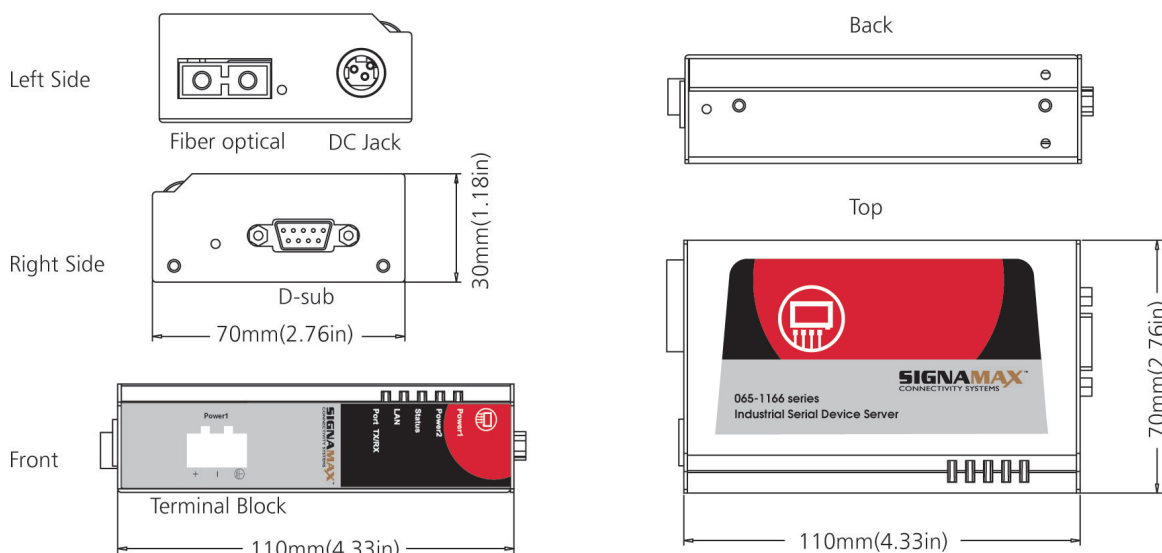
FEATURES

- Flexible Serial Interface- RS-232/422/485 or RS-422-485
- Isolation- 2KV isolated RS-422/485
- Fiber Option- Support single-mode and multi-mode fiber optics
- Flexible Power Input- Including both terminal block and DC jack
- Latch- DC jack with latch secures a stable connection
- Flexible Installation Method- Aluminum housing with wall and DIN-Rail mounting
- Port Buffering- 64KB port buffer prevents data loss when connection fails.
- Warning- Inform user by relay output and E-mail in case of disconnection
- Multiple Operation Mode- Support Real COM, TCP server, TCP client, UDP, Pair Connection

ORDERING INFORMATION

- 065-1166T 1-port RS-232/422/485 Serial Device Server with 1-port 10/100Base-TX
- 065-1166ST 1-port RS-232/422/485 Serial Device Server with 1-port 100Base-FX ST MULTIMODE
- 065-1166SC 1-port RS-232/422/485 Serial Device Server with 1-port 100Base-FX SC MULTIMODE
- 065-1166SM 1-port RS-232/422/485 Serial Device Server with 1-port 100Base-FX SM SINGLEMODE

DIAGRAMS



SPECIFICATIONS

Technology

- **Serial Port:**
Interface: RS-232/422/485
Connector: DB9 for RS-232/422/485, Terminal Block for RS-422/485
Line Protection: 15KV ESD
Isolation: 2KV
- **Serial Communication Parameters:**
Parity: None, Even, Odd, Space, Mark
Data Bits: 5, 6, 7, 8
Stop Bit: 1, 1.5, 2
Flow Control: None, RTS/CTS, Xon/Xoff
Speed: 50 bps to 921.6 Kbps
- **Ethernet Port:**
Interface: 10/100Base-TX; 100Base-FX
Connector: RJ45 (10/100Base-TX); SC, ST Type (100Base-FX)
Isolation: Built-in 1.5KV magnetic isolation
- Protocols: ICMP, IP, TCP, UDP, DHCP client, BOOTP, Telnet, Rtelnet, DNS, SNMPv2, HTTP, SSH, Reverse SSH, SMTP, SNTP, ARP, RARP, RFC2217
- Operation mode: Real COM, TCP server, TCP client, UDP, Pair Connection
- OS Driver Support: Windows 2000/XP/2003 COM driver
- Management: Web, Telnet console, SNMP
- Port Buffer: 64K Bytes

Power

- Input: Input Voltage: 12 to 32VDC (Terminal Block); 12VDC (DC Jack)
- Power Consumption: 2.88W Max. 0.24A@12VDC, 0.12A@24VDC
- Connector: Terminal Block or DC Jack with latch

Mechanical

- Casing: Aluminum case
- Dimensions:
70mm (W) x 110mm (D) x 30 mm(H))
(2.76" (W) x 4.33" (D) x 1.18" (H))
- Weight: 0.25kg (0.55 lb)
- Installation: DIN-Rail, Wall Mounting

Environment

- Operating Temperature: -10°C to 60°C (14°F to 140°F)
- Storage Temperature: -20°C to 85°C (-4°F to 185°F)
- Ambient Relative Humidity: 5% to 95% non-condensing

Regulatory Approvals:

- Emission Compliance: CE Mark Class A, FCC Part 15 Class A, VCCI Class A