

Ethernet-to-serial

Serial Communications

Blue Heat/Net 2

Features

- Two software selectable RS-232/422/485 serial ports
- Industrial temperature range of -40°C to 85°C and rugged, industrial housing
- Auto-sensing 10Base-T, 100Base-TX Ethernet LAN interface
- Multi-mode DC power (5V to 30V DC), and optional PoE (Power over Ethernet)
- Programmable Linux core
- Free Software Development Kit for software customization
- Software selectable line bias and termination on RS-422/485 ports
- Data communications speeds up to 460.8 Kbps
- Independent port configuration of baud rates, data bits, stop bits, and parity
- Configure over serial interface, Telnet, or via a user-friendly web browser interface
- Full modem and hardware flow control pins on all ports
- Built-in wall mount with DIN Rail mounting option
- Supports Raw TCP and PPP server and client modes

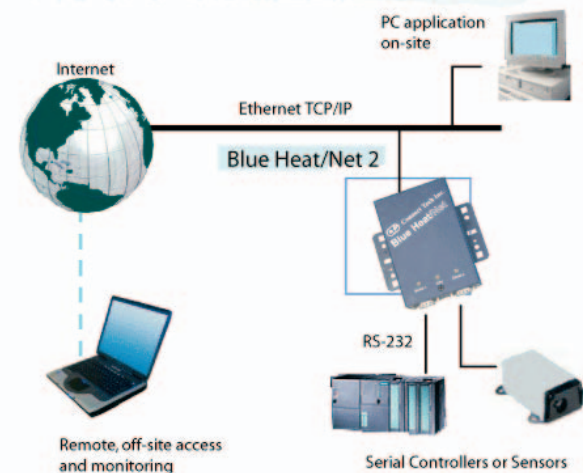


Specifications

Number of ports	2
Electrical Interface	2 ports RS-232 or 2 ports switchable RS-232/422/485
LAN Interface	10Base-T, 100Base-TX Ethernet (auto-sensing)
Memory	ColdFire CPU features 16MB SDRAM, 2MB Flash, 66 MHz
Control Signals	RS-232: DTR, DSR, RTS, CTS, TxD, RxD, RI, DCD, GND RS-422/485: TxD+/-, RxD+/-, CTS+/-, RTS+/-, SR
Baud Rates	50 bps to 460.8 Kbps (230.4 Kbps for RS-232) (custom baud rates also available)
Protocols	IP, TCP, UDP, ARP, RARP, TFTP, DHCP, BootP, HTTP, Telnet, ICMP, PPP
Configuration	Web browser (HTTP), Telnet console or serial utility
Dimensions	Length: 4.55 in/11.56cm Width: 4.50 in/11.68 cm Height: 1.35 in/3.43 cm
Power Requirements	All models: Multi-mode power adapter, 5V - 30V DC, 500 mA Power over Ethernet (PoE) option: 30 mA@ 48V DC Screw Terminal Connector option: 36V - 56V DC
Connectors	RS-232: DB-9 connector RS-232/422/485: DB-9 connector LAN: RJ-45 connector
Environmental	Industrial Temperature range of -40°C to 85°C (-40°F to 185°F)
Surge Suppression	EN61000-4-2 ESD EN61000-4-3 EMC EN61000-4-4 EFT
Regulatory Approvals	FCC Class A, Part 15 FC Industry Canada Industrie Canada ICES-003 CE EN 55022, EN 55024
Software Compatibility	Windows 2000/XP, Linux, QNX6 (Contact Connect Tech for the most recent list)



Industrial Automation and the Blue Heat/Net 2



The Blue Heat/Net enables you to connect any RS-232 or RS-422/485 serial device directly to your Ethernet LAN.

The Blue Heat/Net frees your dependence on a physical PC connection, reducing cabling costs and simplifying future installations and upgrades while providing remote access to any serial device.

All Connect Tech products are covered by a Lifetime Warranty and no-charge technical support.



Connect Tech Inc.
Industrial Strength Communications

42 Arrow Road
Guelph, ON, Canada
N1K 1S6
www.connecttech.com

Phone: 1-519-836-1291
Toll free (in North America): 1-800-426-8979
Fax: 1-519-836-4878
Email: sales@connecttech.com