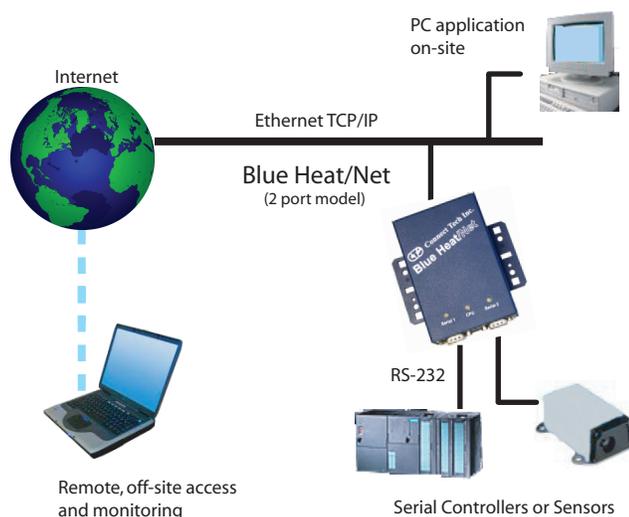## Blue Heat/Net 2

Features

- Two software selectable RS-232/422/485 serial ports
- Industrial temperature range of -40˚C to 85˚C and rugged industrial housing
- Configurable vis serial interface, Telnet or user-friendly web browser interface
- Industrial protocol models (Modbus, AllenBradley, Rockwell Automation, DNP3)
- Auto-sensing, 10Base-T, 100Base-TX Ethernet LAN interface
- Multi-mode DC power (5V to 30V DC) and optional PoE (Power over Ethernet)
- Supports Raw TCP and PPP server and client modes
- Programmable embedded Linux core
- Free Software Development Kit (SDK) for software customization
- Data communication speeds up to 460.8 Kbps
- Full modem and hardware flow control pins on all ports
- Built in wall mount with DIN rail mounting option
- RoHS compliant

Specifications

Number of Ports	2 ports (4, 8 and 16 port models also available)
Electrical Interface	RS-232 or software selectable RS-232/422/485
LAN interface	10Base-T, 100Base-TX Ethernet (auto-sensing)
Control Signals	RS-232: DTR, DSR, RTS, CTS, TxD, RxD, RI, DCD, GND RS-422/485: TxD+/-, RxD+/-, RTS+/-, CTS+/-, SR
Baud Rate	50 bps to 460.8 Kbps (custom baud rates also available)
Protocols	IP, TCP, UDP, ARP, RARP, TFTP, DHCP, BootP, HTTP, Telnet, ICMP, PPP
CPU Core	ColdFire 32 bit, 66 MHz CPU features 16MB SDRAM and 2MB or 4MB Flash
Configuration	Web browser (HTTP), Telnet console or serial utility
Dimensions	Length: 4.55"/11.56 cm Width: 4.50"/11.68 cm Height: 1.35"/3.43 cm
Environmental	Industrial temperature range: -40º C to 85º C (-40º F to 185º F)
Connectors	RS-232: DB-9 connector RS-232/422/485: DB-9 connector LAN: RJ-45 connector
Software Compatibility	Windows 2000/XP/XP x64/Server 2003/Vista, QNX 4.X/6.X and Linux (Contact Connect Tech for most recent list)
Surge Suppression	EN61000-4-2 ESD EN61000-4-3 EMC EN61000-4-4 EFT
Power Requirements	All models: Multi-mode power adapter, 5V - 30 V DC, 500 mA PoE (Power over Ethernet) option: 30 mA @ 48V DC Screw terminal connector option: 36V - 56V DC
Regulatory Approvals	EN 55022, EN 55024 CE UL60950 FCC Class A, Part 15 FC UL916 ICES-003 CB Scheme

Industrial Automation and the Blue Heat/Net 2

Internet

Ethernet TCP/IP

PC application on-site

Blue Heat/Net
(2 port model)

RS-232

Remote, off-site access and monitoring

Serial Controllers or Sensors

The Blue Heat/Net 2 enables you to connect any of your RS-232 or RS-422/485 serial devices directly to your Ethernet LAN.

The Blue Heat/Net 2 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 Blue Heat/Net products are covered by a lifetime warranty and free technical support is also included.

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