WhiteHEAT/USB

This exciting USB product provides four RS-232 ports with DB-9 male connectors from just one USB port. This slim line, low profile unit has all the connections conveniently located at the back and a front panel with status LEDs that indicate the *"Sizzling"* serial port activity as it speeds through the USB connection.

WhiteHEAT/USB is fully USB 1.0 compliant. No jumpers, no DIP switches – simply Plug and Play. Get on the "BUS" with your peripheral POS device, modem or security device connected to our WhiteHEAT product – we've got the connection.

Applications

Point of Sale
The WhiteHEAT/USB allows easy attachment of barcode scanners, receipt printers, card readers and numerous other devices to your POS terminal in a retail or warehouse environment.

Industrial Process Control
Connection of testing and monitoring devices such as security cameras, infrared sensors and process control units is "Plug and Play" with the WhiteHEAT/USB – no configuring of slots and no setting of switches or jumpers.

Telecom
Readily attach a bank of modems or a PBX switching device without removing the cover of your PC/Server.

Small Office/Home Office
Small businesses requiring scanner, fax machine, modem and printer attachments will find WhiteHEAT/USB a quick and easy to use solution for peripheral connection.

Features

- Four asynchronous serial ports.
- RS-232 electrical interface.
- Supports data communications speeds up to 460.8 Kbps.
- 16C654 quad UARTs with 64 bytes of TxD/RxD FIFO buffers control each port.
- Independent port configuration with baud rates from 50 bps to 460.8 Kbps; data bits of 5, 6, 7 or 8; stop bits of 1, 1.5, or 2, and odd, even, or stick parity.
- Male DB-9 connectors for the serial ports and a USB Type B connector for the host connection.
- Easy installation comes with comprehensive manual, USB cable and driver software.

Benefits

High Speed, High Performance Communications
The WhiteHEAT/USB uses state of the art 16C654 quad UARTs with 64 bytes of transmit and receive FIFO buffers to offload interrupt handling and buffering from the main CPU, thus improving overall system performance. The USB bus interface offers high bus bandwidth for your data communications.

Hardware Flexibility
The WhiteHEAT/USB offers hardware flexibility for your application by utilizing your computer's USB port and not using one of the system's adapter slots.

Hardware Reliability
The WhiteHEAT/USB provides IEC 1000–4 compliant ESD protection on all signals, all ports. Protection against ESD means fewer failures, less downtime.

Software Compatibility
WhiteHEAT/USB supports the most popular multi-user operating systems, Linux and Windows 98/Me/CE/2000. This provides you with more software flexibility for your communication needs.

Easy to Use
To get you up and running in no time, the WhiteHEAT/USB is USB 1.0 compliant – hot swappable with Plug and Play installation – no jumpers or switches to set, no computers to open up. The WhiteHEAT/USB includes a USB cable, driver software and a comprehensive manual.

Warranty and Service
Connect Tech, an ISO 9001 registered company, has provided high performance communication solutions since 1985, building and testing products to meet high standards of quality and reliability. The WhiteHEAT/USB comes with a five year warranty.

Specifications

	WhiteHEAT-4/USB
Number of Ports	4
Interfaces	RS-232
Connectors	Four DB-9 male connectors (serial ports) One USB Type B connector (host connection)
Control Signals	RTS, CTS, TxD, RxD, DCD, DTR, DSR, RI
Baud Rates	50 bps – 460.8 Kbps
UART Type	16C654 quad UARTs c/w 64 byte TxD/RxD FIFO buffers
Dimensions	Height: 3.81 cm Width: 17.96 cm Length: 13.49 cm Weight: 0.34 kg
Power Requirements	100 mA
Environmental Requirements	Temperature: (operating): 0°C to 70°C (storage): -65°C to 150°C Humidity: 95% non-condensing
ESD Protection	+/- 8kV (IEC 1000-4-2, contact discharge) +/- 15kV (IEC 1000-4-2, air gap discharge)
Regulatory Approvals	FCC Class A EN50082-2 ICES-003 EN55022 Class A
Bus	USB 1.0 bus compatible.
Software Compatibility	Linux, Windows 98/Me/CE/2000 (contact Connect Tech for most current list)
System Requirements	An available USB port on your system.

Connect Tech Inc.

42 Arrow Road
Guelph, Ontario
Canada N1K 1S6
Tel: 519-836-1291
    800-426-8979
Fax: 519-836-4878

Email: sales@connecttech.com
FTP: ftp://ftp.connecttech.com
URL: http://www.connecttech.com

Quality and Reliability since 1985

ISO 9001 CERTIFIED