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**LSHM-200, Serial-to-Ethernet Module**

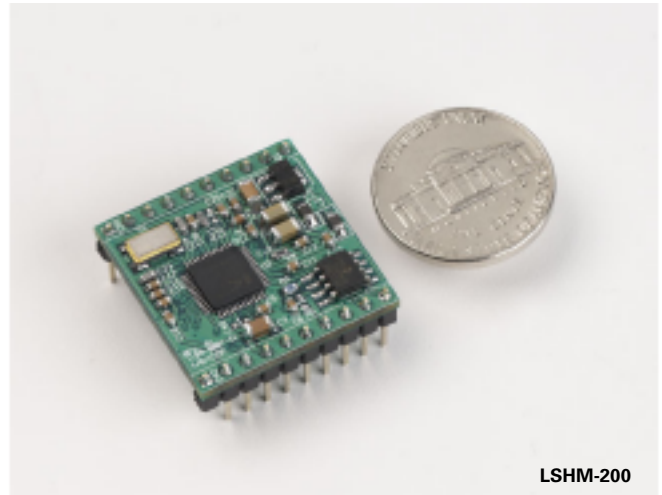
Measuring only 1" x 1" x 0.25", the LSHM-200 Embedded Serial-to-Ethernet Module connects serial devices to IP networks with a 10/100BaseT interface. It provides an easy solution for connecting micro controller based systems with serial ports to IP Networks for remote control and monitoring applications.

The LSHM-200 allows for seamless access and communications of serial data through any 10/100BaseT Ethernet. It can transfer data among multiple IP addresses simultaneously via Telnet ports with TCP/IP protocols under Ethernet. The onboard Ethernet functions conform to the widely adopted IEEE802.3 standard with automation and buffering. The integrated serial port includes standard serial terminal features such as flow control and standard 8-N-1 character length.

The serial interface of LSHM-200 supports DTE speeds up to 230K bps. Designed to meet the stringent requirements of modern industries, the LSHM-200 features -40°C to +85°C operating temperature with compliance to RoHS and global safety standards.

The Development Kit LSDK-2001 is designed for engineer's testing, programming and evaluation convenience. The kit includes the LSHM-200 mounted on our carrier board with all needed connectors, power adapter and cable accessories.

Radicom Research works closely with its customers to ensure that their embedded data communications systems are successfully integrated. Radicom modifies its award winning data communication products to meet specific application requirements, and designs custom products to fit special needs while maintaining the fastest turn-around time in the industry. R&D efforts are focused on raising performance standards for small foot print communication devices for embedded applications across a spectrum of platforms.



LSHM-200

**FEATURES:**

- Compact size: 1" x 1" x 0.25" (H)
- -40°C to +85°C operating temperature
- Serial TTL interface
- 10/100BaseT network interface, auto-detect
- 3.3V VCC
- Full IEEE 802.3 compliance
- Complete Serial-to-LAN connectivity solution including: Network Processor, Mac & PHY interface
- Support of TCP/IP, UDP, Telnet, HTTP, ICMP & ARP
- IP addressing: DHCP and Static IP
- LED pin outs for monitoring LAN and link activity
- Built-in 32K SRAM for Ethernet buffering
- NVRAM on board
- DTE data speed up to 230K bps
- Hardware and software flow control
- RoHS compliant