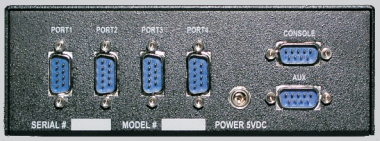
hark® Technologies

ISI

An Internet Serial Interface with Protocol Conversion



View from Back

ISI

An Internet Serial Interface with Protocol Conversion

***Optional External Modem**

The **Hark ISI** is a hardware device that encapsulates serial data into TCP/IP for transmission over the Internet. It can also be configured to convert incoming TAP messages from the serial port and send them over the Internet to paging providers in email (SMTP) or Simple Network Paging Protocol (SNPP) format. The ISI with the optional external modem can connect to a secondary dial-up ISP when a failure on the ethernet port is detected.

This device is the perfect companion for the Hark Gateway products. An ISI can be located at a remote location for receiving TAP, TNPP, or Billing traffic using a local ISP eliminating long distance phone charges.

Features

- Can be configured to:
  - Send any Serial data over the Internet
  - Convert Incoming Serial TAP to Email (SMTP)
  - Convert Incoming Serial TAP to Simple Network Paging Protocol (SNPP)
- Connects to Internet using 10Base-T Network
- Connects to Internet using Modem and PPP
- Secure diagnostics and configuration

Benefits

- Eliminates direct connections to paging service
- Uses Multitasking Operating System
- Embedded system with no moving parts to wear out
- Dial Backup to another ISP or Modem

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