

CHIRON ISDN DATA MODULE



The Chiron ISDN Data Module offers a cost effective way to upgrade equipment that does not support ISDN. With the ISDN module many applications can be easily migrated away from analogue modem technology and thus offer significantly improved communications speeds and cost savings.

The module is designed to be easily installed within other equipment in place of an existing communications interface such as a modem. Customised layouts for specific End User equipment are available.

This unit is one of a family of communications modules from Chiron, including ISDN, GSM/GPRS and ETHERNET. The user interface on each module in the range is identical, so it is very easy for users to develop a single base unit (e.g. credit card terminal), on which a range of network interface solutions can be offered.

The user interface to the module is a standard serial data port supporting Hayes modem commands. Any existing system that supports a direct serial data connection or connects via a dial-up modem can be adapted to ISDN without requiring any changes.

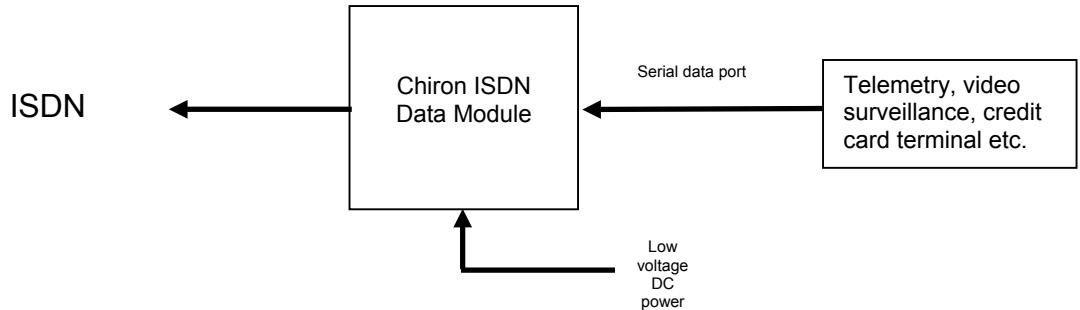
Typical Applications

- Credit card authorisation terminals
- Alarm systems
- Video surveillance
- Remote equipment management
- Telemetry



Product Overview

The Chiron ISDN module is for integration into other equipment and allows existing communications links to be migrated to ISDN. The module is easy to install into existing or new applications and is compatible with any equipment designed to operate with a modem for data communications. Various configuration options allow flexible use of the communications channel.



Feature overview:

- European (ETSI) standard Basic Rate ISDN interface.
- Serial data interface with Hayes command dialling for data connections.
- Range of protocols for error-free data communications and flow control, including V.120, X.25, PPP and TCP/IP.
- Auto-dial and auto-answer.
- All configuration parameters held in non-volatile memory safe from power loss.
- 5V power input.

Ease of Use

Unlike other solutions that require the attached equipment to have knowledge of ISDN protocols, the Chiron ISDN module has the 'look and feel' of a modem, and can thereby be used without the need to modify the existing equipment.

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| <p>Technical Details</p> <p>ISDN Interface</p> <ul style="list-style-type: none"> • Basic rate 2B+D, Q.921 and Q.931 Euro compliant • Standard RJ45 socket • 'S' bus compatible, Point-Multipoint or Point-Point • Conformance to European TBR3 specification • Special 'Line Snatch' feature for alarm applications • Supports V.120, X.25, PPP, Transparent and TCP/IP protocols over ISDN <p>Data interface</p> <ul style="list-style-type: none"> • Hayes compatible data port • Baud rates up to 115200 bps • RTS/CTS flow control • Outgoing and incoming calls | <p>Physical</p> <ul style="list-style-type: none"> • Supply voltage 5V • Serial interface at 5V logic levels • 90mm x 90mm x 20mm |
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