

Spectrum™ III Hybrid

Intelligent OEM Insert Reader Module

Reads Magnetic Stripes

ID TECH's Spectrum Hybrid Insert Reader is designed to read and decode up to three tracks of magnetically-encoded information. It reliably reads media conforming to ISO 7810 and 7811 standards. The magnetic head is spring-loaded to ensure good contact with warped or bowed cards.

Reads Smart Cards

The ID TECH Hybrid Insert Reader can read and write to Integrated Circuit Cards (ICC), smart cards, memory, or microprocessor cards conforming to ISO 7816 standards. The reader is approved to the Terminal Level 1 EMV2000 specification, and is able to communicate with a host PC as a smart card reader-writer under the PC/SC version 1.0 interface. In fact, both the USB and RS-232 versions of the reader can communicate with the host as PC/SC or serial devices. The PCA provides a SAM (SIM) socket, and an optional secondary PCA provides four additional SAM interface sockets.

Selects and Formats Data

The ID TECH Hybrid Insert Reader is a fully-intelligent unit that can be configured to read all tracks or selected tracks from a magnetic stripe. It can also output data with a terminating character and up to nine prefix and postfix characters to match a data format expected by the host.

Features and Benefits

- Reads both magnetic stripe and smart cards
- Available in RS-232, USB PC/SC, and USB RS-232 interfaces
- Reliable electronics guarantees for over one million card cycles
- Smart card connector has gold-plated contacts to ensure dependable connections
- Exceptional read operation on real-world MagStripe cards
- Tri-color LED guides the user through the reading process and indicates read status
- Optional gate prevents coins and debris from jamming the card slot
- Card latch and "half card drop-out" options are available
- Choice of standard, large standard, flush mount, large flush mount, metal, or compact bezels



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