

PDC™

Peripheral Device Controller

Adds Payment Peripherals
to ECR and POS Terminals

Overview

Datacap's PDC adds payment peripherals to proprietary ECRs and PC-based ECR/POS terminals. PDC plugs into a single serial port on the ECR/POS, and drives up to three peripheral devices including magnetic card readers, PIN pads and check readers.

PDC is available in two convenient packages. A built-in card reader model is easily attached to the side of your cash drawer for easy swipe access. Approximately equal in cost to a separate serial card reader, the additional peripheral ports are a bonus. A second model is available without the card reader for under-counter installation, allowing custom placement of each peripheral. Integration is the same for both models.

Integration to your ECR/POS terminal is much easier than interfacing to specific PIN pads, check readers, etc., and the single integration allows access to all supported peripherals. ECRs interface to PDC using a standard serial interface with simple commands. Windows systems interface using Datacap's XML format ActiveX controls.

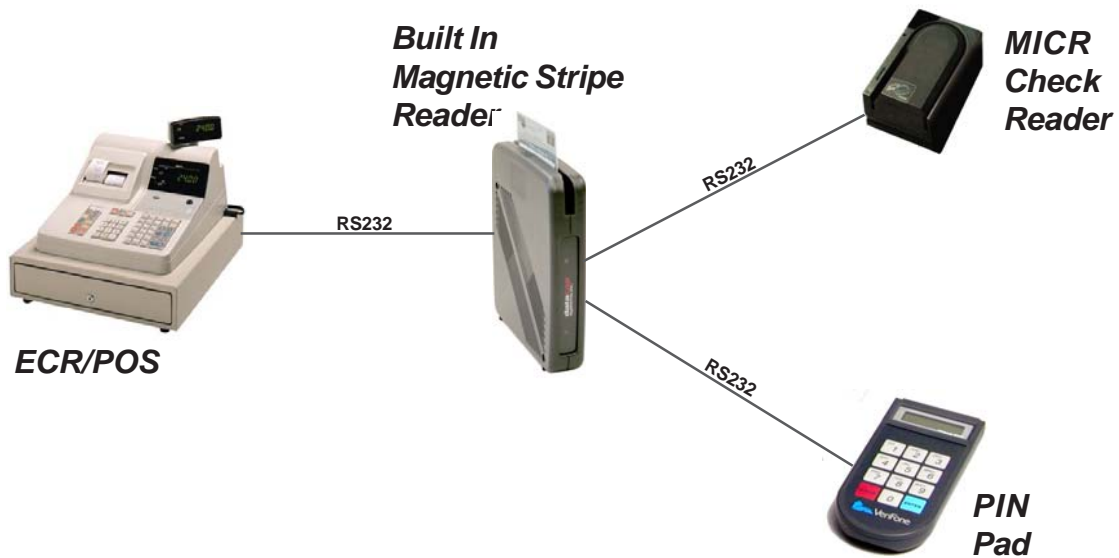
PDC makes it easy, fast and economical for ECR/POS developers and dealers to provide a wider variety of peripheral types, brands and models. And when the payment industry requires new peripherals such as smart card readers or biometric devices you'll be ready, without having to add serial ports to your hardware or reprogram your software.



Benefits of PDC for ECR/POS Developers

- Simply and economically adds PIN pads, mag card readers, check/MICR readers and other peripherals to registers and pay points
- For proprietary ECRs and PC POS registers
- Speeds up integration and simplifies application maintenance
- Eliminates need for custom device drivers – now and in the future
- Expands/preserves serial port use – one port supports up to 3 devices, or more with combination peripherals (e.g. PIN pad with card reader)
- Modularizes peripheral use and support
- Protects the register investment and extends system life
- Supports various peripheral brands and models transparently
- Freedom of choice without developer involvement
- ActiveX controls available for easy PC system integration/use

Connection Diagram for PDC and Peripherals



Specifications

- Size – 4.7”w x 5.6”l x 1.3”h
- Weight – 8 ounces
- Input connector – DB-9
- Peripheral interface / connectors –
 - 3 - RS232
 - 2 - UDIN6
 - 1 - RJ11
- Supports mag card readers (T2 and T1/T2), PIN Pads (for PIN entry and/or data entry), PIN Pad / card readers and MICR check readers. Other devices are planned.
- 2 LEDs for easy troubleshooting
- Power requirements – 9 VAC, 1000ma
- Certifications – FCC Part 68, FCC Part 15 Class A
- Environmental – 40-100F; 20-95% humidity (non-condensing)