

## PDC Series

# Portable Data Collector

## Built-in Barcode or Magstripe Card Reader

- Built-in Battery, Easy to Collect Data in the Field and Download to PC.
- 512 K Bytes Memory, Thousands of Data Record can be Stored.
- ON-OFF Switches for Power and Buzzer.



### *Features:*

- Built-in battery, stand-alone operation.
- Memory size: 512 K Bytes Flash ROM memory.
- Processor: 80C31 8-bit microprocessor CPU.
- Bi-directional card swipe and read capability.
- Optional Barcode or Magstripe decoding.
- 9V DC battery or AC-to-DC adapter can be used to support the operating power.
- One standard 9V DC Alkaline battery can support more than 4 hours field operation.
- Weight only 100 grams, easy for carrying and using.
- Bundled one PDC utility, easy to view the last data address, to download data and to erase data.
- Compact dimensions: 100mmL x 33mmW x 58mmH
- Good read indicators by beep and LED illumination.

Models	Description
PDC-M02	PDC with Magstripe Track 2
PDC-M12	PDC with Magstripe Track 1 & 2
PDC-M33	PDC with Magstripe Track 1 & 2 & 3
PDC-B72	PDC with Barcode Slot Reader

# Specifications:

## Inside Memory:

Memory Technology	Flash ROM Memory
Memory Size	4M bit, or 512K Bytes

## Interface:

LED Indicators	Power and Good Read/ Erase Illumination
Switches	One for Power ON/OFF, One for Buzzer ON/OFF
Ports	One RS-232 port for connecting with Host One Power Port for AC Power Adapter

## Power Support:

Battery	9V DC Rechargeable or Disposable Battery Bundled with One Alkaline Long-Life disposable Battery
AC Power Adapter	5V DC 300~500mA output, 110 or 220 V AC input

## Software Support:

PDC commands	to View the Last Data Address to Download Data by ASCII or Hexadecimal Code to Erase Data
Bundled Diskette	Under DOS Environment to Run the Utility Commands

## Operating Environment:

Supply Voltage	+5VDC, $\pm 5\%$
Operating Temperature	0°C to 55°C
Storage Temperature	-20°C to 70°C
Relative Humidity	0~95% noncondensing

## Magstripe Reading:

Decoding Method	Two Frequency Coherent Phase (F2F) Compatible with ISO 7810/1811/7812/7813, JIS x 6301/6302
Track Reading	Single, Dual or Triple Tracks
Swipe Speed	5 to 60 inch/sec., bi-direction
Magnetic Head Life	300,000 passes minimum Optional 1,000,000 passes long-life head

## Barcode Reading:

Light Source	660nm Red LED Light 940 nm Infra-red Light
Resolution	Max. 4 mil (0.1mm) at PCS 0.9
Depth of Field	1.8mm (Max.)
Reading Height	7.5mm~12.5mm
Scan Velocity	70~500 mm/sec., bi-direction
Barcode Decoding	- Code 39, Code 39 Full ASCII - Interleaved 2 of 5 / Industrial 2 of 5 / Matrix 2 of 5 / China Postage Code / Korean Postage Code - Code 128 - ISBN/ISSN - Code 93 - Codabar/NW7 - Code 11 - MSI-PLESSEY - EAN/JAN/UPC and Add-on - Code 4 - Special Codes can be requested

ISO-9002 Certified



Manufacturer

**FAMETECH INC.**

2F, No. 165, Sec. 2, Ta-Tung Rd.,  
Hsi-Chih 221, Taipei Hsien, Taiwan, R. O. C.  
Tel : 886-2-8692-6300  
Fax: 886-2-8692-6301  
E-Mail: tyssso@ms6.hinet.net  
URL: <http://www.famotech.com.tw>