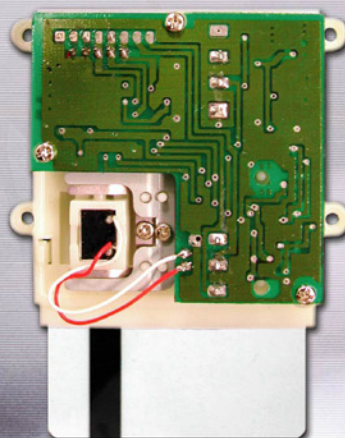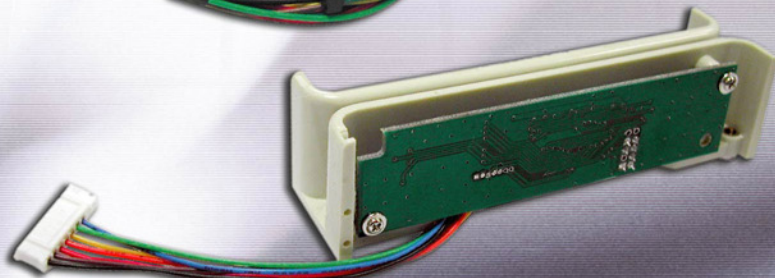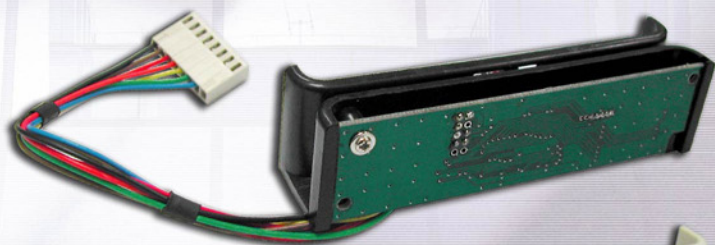# MAGNETIC STRIPE READER

pegasus ®

- Magnetic Stripe Card Reader
- Portable Data Collector
- Magnetic card Access Controller
- Reader Module

Portable Data Collector

Portable operation for magnetic stripe card reading and data storage.
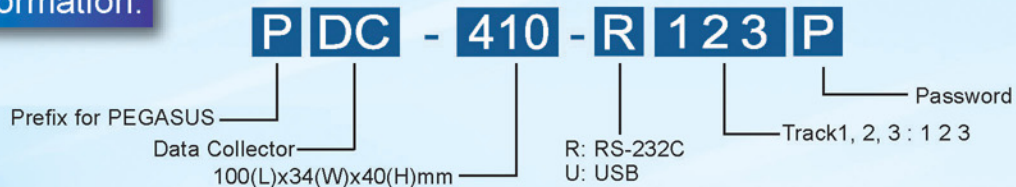Compact size with built-in batteries for handheld field applications.

Features:

- Portable operation for magnetic stripe card reading and events logging.
- 8 bits microprocessor with 4 M bits flash memory.
- Reads high & low coercivity (300~4000 o.e) track 1,2&3 magnetic stripes card.
- Built-in 3V x 2 batteries with automatic power shut down can last over 300,000 (optional 1,000,000) swipes.
- Data retained even if battery is removed.
- Operation status indicated with bi-color LED and switch selectable.
- Windows support utility for simple revision, retrieving and saving data, starting and ending counter setting.
- Operated by 9 V AC/DC adaptor is possible.
- Standard compliance: ISO / IEC7811.
- Swipe speed: 2 ~ 60 inches/second.
- Only valid swipes are logged.
- All swipes are time-stamped (built-in RTC).
- Password protection: (optional).

Applications:

- POS system.
- Trade show, conference, classroom, meeting attendance.
- Student ID or membership card.

PDC-410

Ordering Information:

P DC - 410 - R 1 2 3 P

- Prefix for PEGASUS
- Data Collector
- 100(L)x34(W)x40(H)mm
- R: RS-232C
  U: USB
- Track1, 2, 3 : 1 2 3
- Password

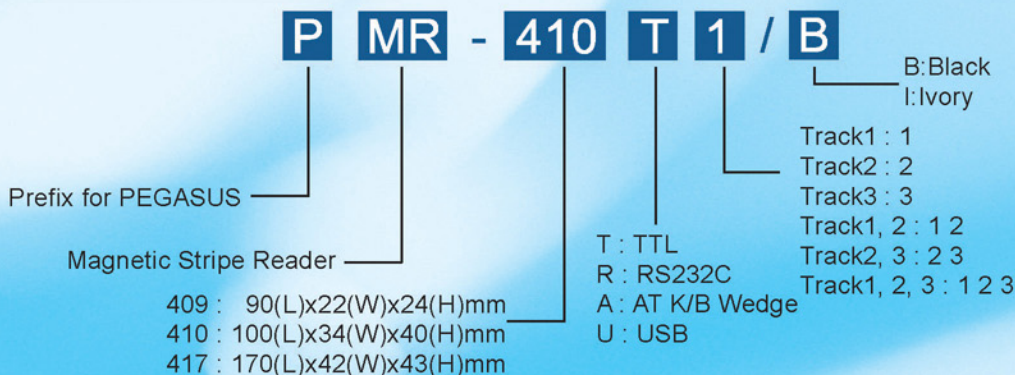# Magnetic Stripes Card Reader with / without decoder

Features:

- Compact magnetic card reader with TTL(non-decoder type) / RS-232C / USB/PC keyboard emulator(decoder type) interface.
- Designed with microprocessor and advanced magnetic card reading technology.
- PMR-409, PMR-410, PMR-417 read up to three tracks by swiping in any direction.
- Standard-length slot design for OEM application.

PMR-410UT / B

Applications:

- POS system.
- Warehouse management, car parking, retail applications, offices, computer rooms, bank & building societies community, hospital, airports, and factories.
- Membership card application.
- Automated input device applications.

PMR-410

Ordering Information:

P MR - 410 T 1 / B

- Prefix for PEGASUS
- Magnetic Stripe Reader
  - 409 : 90(L)x22(W)x24(H)mm
  - 410 : 100(L)x34(W)x40(H)mm
  - 417 : 170(L)x42(W)x43(H)mm
- T : TTL
  R : RS232C
  A : AT K/B Wedge
  U : USB
- Track1 : 1
  Track2 : 2
  Track3 : 3
  Track1, 2 : 1 2
  Track2, 3 : 2 3
  Track1, 2, 3 : 1 2 3
- B:Black
  I:Ivory

PMR-410UT

PMR-417

Magnetic Stripe Card Reader

Specifications:

- Zinc alloy sturdy body.
- Door release time selectable by DIP switch.
- With tamper switch output and loop sensor input to trigger alarm when case is tampered or loop is intruded.
- DC 12V operated, battery operation is possible when AC power is interrupted.
- With exit push button.
- Dimensions: 140(L)x 60(W)x 32(H)mm / 5.51(L)x 2.36(W)x 1.26(H)inch
- Weight :650g±5%

Applications:

- Access control.
- Magnetic card reading.
- OEM/ODM design for customer requirement.
- ATM-400 for ATM foyer access control with 500 bank code.

PG-400

Specifications:

- Metal case and keypad as well as case lock to prevent vandalism.
- Card reading : Magnetic stripe card, ISO track II
- Operation mode : Card, card and / or keypad, keypad only. card and PIN in cad, free access.
- Operation temperature : -15°C ~ 55°C
- Humidity : 20%~90% RH, Non condensation
- Power supply : 12V DC
- Dimensions : 140(L) x 60(W) x 32(H)mm / 5.51(L) x 2.36(W) x 1.26(H)inch
- Weight : 485g±5%

Features:

- Allows basically 3,000 magnetic stripe cards or 5 groups of programmable door codes
- variable from 1 to 8 digits for access control and optionally for 7,000 and 9,999 cards (on special model) can be singly or blockly added / through keypad.
- Programmable door release time, error trials, alarm time and door monitoring time.
- Data retention for without battery backup.
- With programmable mode for ARM / DISARM output.
- With CMOS CPU of low power consumption.
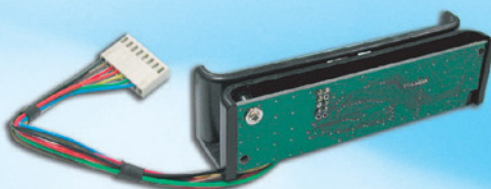- Selectable encyphered card format which can not be easily duplicated by ISO Encoder.
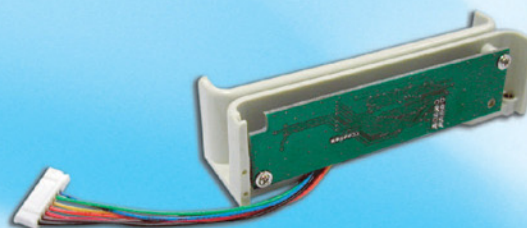
PG-407

Reader Module

Specification:

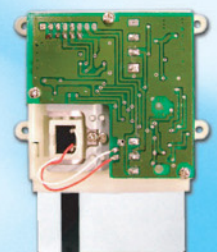| Model No.	PMR-409-TD12	PMR-410-12	PMR-406I
Track configuration	Track1, 2	Track1, 2	Track1, 2, 3
Output interface	TTL	TTL, RS232C, AT K/B Wedge, USB	TTL
Recording method	Two-frequency coherent phase (F2F)	Two-frequency coherent phase (F2F)	Two-frequency coherent phase (F2F)
Life time	300,000 passes minimum	300,000 passes minimum	300,000 passes minimum
Dimensions	90(L) x 21(W) x 24(H)mm 3.54(L) x 0.83(W) x 0.94(H)inch	100(L) x 27(W) x 26(H)mm 3.94(L) x 1.06(W) x 1.02(H)inch	66(L) x 60(W) x 9(H)mm 2.60(L) x 2.36(W) x 0.35(H)inch

PMR-409-TD12   **PMR-410-12**   **PMR-406I**

Specifications:

Model No.	PDC - 410
Memory size	4 M bits (512 K Byte) flash memory
Card standard	ISO / IEC7811
Mag stripe reading	512K (hold 2000 records)
	Bi-directional reading for F2F decoding
Track configuration	Bi-directional, triple 1 & 2 & 3
Magnetic head life	300,000 passes (optional 1000,000 passes)
Swipe speed	2 to 60 inches/second
Status indication	Bi-color LED and buzzer (DIP switch selectable)
Output interface	RS-232C (9600bps, N,8,1) / USB
On/off button	Yes
Enclosure material	ABS
Power supply	Built-in 2 x 3V 2054 batteries, or external 9V 300 mA power adaptor
Operation temperature	-15°C~55°C
Storage temperature	-20°C~70°C
Relative humidity	10-90% non condensing
Dimensions	100(L) x 34(W) x 40(H) mm / 3.94(L) x 1.34(W) x 1.57(H)inch
Weight	105g±5%
Password protection	Optional(PDC-410-123P)

Model No.	PMR - 410		
Medium format	300 o.e ~4000 o.e		
Card standard	ANSI, ISO, ABA, AAMVA, California Driver License		
Card feed	Bi-direction, 5-45 IPS for reading and 5-35 IPS for encoding		
Magnetic head life	300,000 passes minimum (optional 1000,000 passes)		
Track configuration	Single (1 or 2 or 3)	Dual (12 or 23)	Triple (1 2 3)
Output interface	TTL / RS-232C / USB / PC keyboard emulator		
Operating voltage	5V DC±5%		
Power consumption	5mA without decoder, or 45mA with decoder		
Operation temperature	-15°C ~ 55°C		
Storage temperature	-20°C~70°C		
Humidity	10 to 90% RH		
Dimensions	100(L) x 34(W) x 40(H) mm / 3.94(L) x 1.34(W) x 1.57(H)inch		
Weight	167g±5%		
Mounting options	Velcro pads(Keyboard mounting)		

Model No.	PMR - 417		
Medium format	300 o.e ~4000 o.e		
Card standard	ANSI, ISO, ABA, AAMVA, California Driver License		
Card feed	Bi-direction, 5-45 IPS for reading and 5-35 IPS for encoding		
Magnetic head life	300,000 passes minimum (optional 1000,000 passes)		
Track configuration	Single (1 or 2 or 3)	Dual (12 or 23)	Triple (1 2 3)
Output interface	TTL / RS-232C / USB / PC keyboard emulator		
Operating voltage	5V DC± 5%		
Power consumption	5mA without decoder, or 45mA with decoder		
Operation temperature	-15°C ~ 55°C		
Storage temperature	-20°C~70°C		
Humidity	10 to 90% RH		
Dimensions	170(L) x 42(W) x 43(H) mm / 6.69(L) x 1.65(W) x 1.69(H)inch		
Weight	178g±5%		
Mounting options	Velcro pads(Keyboard mounting)		

Specifications are subject to change without prior notice

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