

# KaneSwipe GIT-100

## MAGNETIC CARD READER(RS-232C INTERFACE)



### 1. OVERVIEW

GIT-100 series is a compact-sized swipe type card reader with RS-232-C interface that requires no power supply.

### 2. SPECIFICATIONS

#### 2.1 Card Standard

Reading Method	F2F (FM)
Card Thickness	Plastic : 0.76 ± 0.08mm
Card Standard	ISO 7811
Reference Standards	ISO/AAMVA

#### 2.2 Environmental Requirements

- Ambient Temperature
  - Storage : -20°C to +70°C
  - Operating : 0°C to +50°C
- Ambient Relative Humidity
  - Storage : 0 to 95%
  - Operating : 20 to 90%

#### 2.3 Physical Characteristics

- Dimensions : 90 mm ( D ) X 27 mm ( W ) X 28 mm ( H )
- Weight : Approx. 80g
- Power Supply : Not required. (Supplied through the RS-232-C communication line )
- Current : Less than 12mA
- Operating Locus : Indoor only

#### 2.4 Operational Characteristics

- Card Feeding Speed : 20 to 120 cm/sec
- Head life time : Approximately 500,000 passes

#### 2.5 Jitters

- Less than 20%

## 4. DATA FORMAT (Custom available)

Basic Format :

- Track ID + Data + ES + ENTER (0DH)

ES=END SENTINEL TRACK1&2&3 is “?”

Track identification character :

Track I : ' % ' (25H)

Track II : ' ; ' (3BH)

Track III : ' + ' (2BH)

Read error:

- Track ID + ' E '(45H) +ES + ENTER(0DH)

## 5. COMMUNICATIONS

9600 bps, no parity, 8 data bits, 1 stop bit

## 6. OUTLINE DRAWINGS

