



北京优科利科技发展有限公司

Beijing Yokeli Technology Co.,Ltd.

磁卡阅读器(全三轨、232 接口)

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

2、. SYSTEM BLOCK DIAGRAM

IBM PC/XT/AT or RS-232-C GIT-100

3. SPECIFICATIONS

3.1 Card Standards

Reading Method F2F (FM)

Card Standard ISO 7811

Card Thickness Plastic : 0.760.08mm

3.2 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%

3.3 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 11mA

Operating Locus : Indoor only

3.4 Operational Characteristics

·Card Feeding Speed : 10 to 160 cm/sec

·Head life time : Approximately 500,000 passes



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3.5 Jitters

·Less than 20%

4. DATA FORMAT (Custom available)

4.1 Basic Format : Data + ' CR ' (0DH)

·Track ID + Data + ' CR ' (0DH)

4.2 Track identification character :

·Track I : ' % ' (25H)

·Track II : ' ; ' (3BH)

·Track III : ' + ' (2BH)

4.3. Transmission Data Format

·Track #1 (Track ID + Data + CR) + Track #2 (Track ID + Data + CR)

Read error :

·Track ID + ' E '(45H) + CR

5. INTERFACE REQUIREMENTS

RS-232-C Signal Name Host PC KT - 2200 Signal Direction

9 Pin 9 Pin Host PC KT - 2200

TXD 3 2

RXD 2 3

RST 7 7

SG 5 5

DTR 4 4

- DB9 Female ,1.5m

6. COMMUNICATIONS (Custom available)

Specifications

Transmission Type : Asynchronous, Half duplex

Interface : EIA RS-232-C

Baud rate : 9600



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Data length : 8 bits

Parity : None

Stop Bit : 1 bits

7. READ CARD

Open series port with Enable DTR and RTS line. The reader power on, Green LED lit and is waiting for reading card.



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