



IDP1322HC

MINI MANUAL SWIPE MAGNETIC STRIPE CARD READER



IDP-1322HC series is compact size manual swipe card reader.

BASIC SPECIFICATION

Dimension: 90mm (L) x 27mm(W) x 28mm(H)

Weight: 85g (approx.)

Power Supply: +5V DV $\pm 5\%$

Power consumption: 40mA (max.)

Operation Locus: Indoor use

SPECIFICATION

Card Standard: ISO7811/7812

Track Position: ISO 2 (ABA)

Recording Density: 75 BPI

Recording Capacity: 40 Characters (5bits)

Interface: USB

Card Thickness Plastic: 0.76 ± 0.08 mm

Head Function: Read only 1.5mm

Operation Speed: 10 ~ 150cm/sec

Life of Head: 500,000 card passes (1 pass : one swipe)

Error Rate: 0.5% Less Than (JSE Test card)

ENVIRONMENTAL REQUIREMENTS

Ambient Temperature

Storage : -30°C to +70°C

Operating : -20°C to +70°C

Ambient Relative Humidity

Storage : 0% to 95% RH

Operating : 20% to 90% RH

DEFINITION OF INTERFACE

USB interface:

JP1 USB Interface

PIN 1 GND

PIN 2 VCC (+5V)

PIN 3 D+

PIN 4 D-

JP3 SPI Interface

PIN1 VCC (+5V)

PIN2 RESETT

PIN3 GND

PIN4 SCK

PIN5 MISO

PIN6 MOSI

JP2 Interface of magnetic head wire

PIN1 TK1-

PIN2 TK1+

PIN3 GND

PIN4 TK2-

PIN5 TK2+

PIN6 GND

PIN7 TK3-

PIN8 TK3+

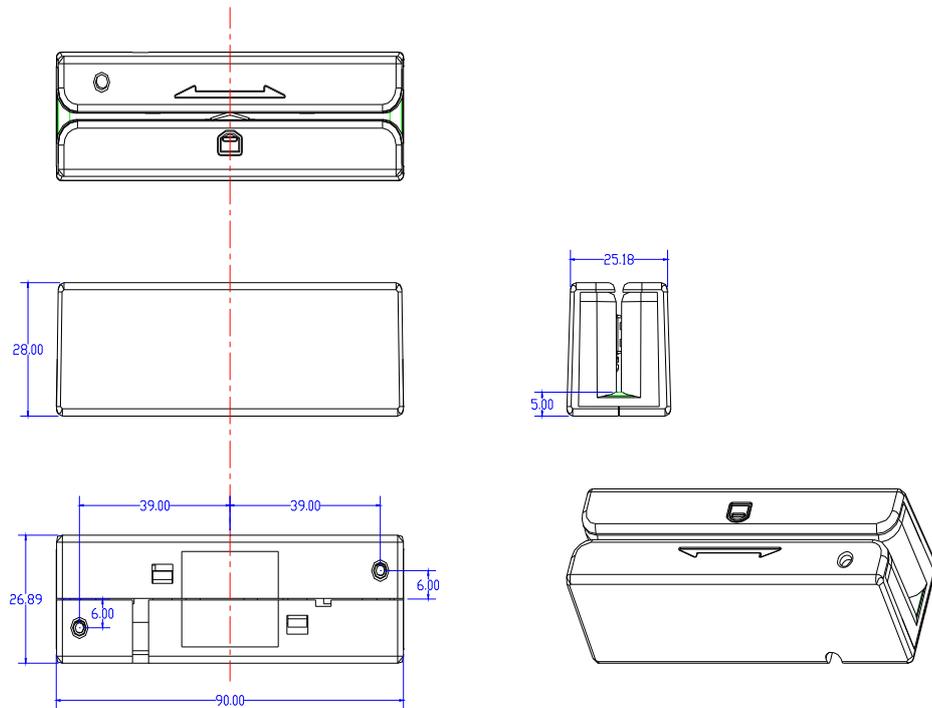
COMMUNICATION PROTOCOL

Data Format:

Track II : (DATA)

CR

DIMENSION DRAWING



I.D.P Electronic identification products

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