



CRT-288-B001 Card Reader - Data Sheet



The CRT-288-B001 has been developed for Manufacturers seeking a card reader with minimal footprint requirements, which delivers an industrial-standard performance.

The CRT-288-B001 is equipped to read RFID and Contact IC Cards of industry-standard size 85.5mm x 54mm. It offers full write function on contact IC Cards. The reader comes fitted with compact metal bezel and has been developed for easy card entry and removal.

The card reader is equipped with dedicated USB / RS232 / Power inputs and ships with 1.5 meter standard loom sets. Tested to over 500,000 card insertions cycles + 300,000 IC card read cycles, the CRT-288-B001 provides truly reliable performance in high demand environments.

The CRT-288-B001 forms part of the Card reader product line from Eurocoin, selected for its superior performance and compact size.

Features

- Supports RFID card Read and Contact IC card Read / Write
- Compact Metal Bezel
- Dedicated USB, RS232 and Power Connectors
- Minimal footprint
- High insert and read cycle performance

CRT-288-B001-EJAY MANUAL INSERTION CARD
 READER, IC/RFID with Metal Bezel
 PART NO: 23108056

Technical Specification

- Power:	DC 5V±5% < 200mA or USB
- Interface:	RS232 or USB Interface (Automatically detect)
- Dimension (mm):	With Bezel 96.9 (L) x 98 (W) x 23.9 mm (H)
- Weight:	Approx 200g
- Reliability Life Time:	IC card contact carrier and contact: 300,000 times Min Detect Insert Mechanism: 500,000 times Min
- Environment:	Operation: 0°C-50°C, 0~90% RH (non-condensing) Storage: -25°C~80°C, 0~95% RH (non- condensing, dried before usage) Normal environment: 15~25°C 35°C~60% RH
- Card Specification:	Width: 53.92~54.18 mm Length: 85.47~85.90 mm Thickness: 0.76 mm ± 0.08 mm
- IC Card Standard:	ISO7816 standard certified, EMV2000 Level1, PBOC3.0 (WITH CERTIFICATE) e.g. (AT24C01, 24C02, 24C256, SLE4447, SLE4428, CPU T=0/T=1)
- LED Controller:	ISO14443-3 compliant (TYPE A:e.g. S50,S70,UL etc) ISO14443-4 compliant (TYPE A CPU, TYPE B CPU e.g. Mifare plus, Mifare DesFire etc.)