



Creator CRT-288-K001 Card Reader – Data Sheet

The CRT-288-K001 has been developed for Manufacturers looking for a single solution that can handle all industry - standard Card types. Equipped to read Magnetic Stripe (read on insert or withdraw), RFID and IC Cards of industry-standard size 85.5mm x 54mm. The two bezel options - Plastic Internal and Metal External - both feature RED / BLUE LED feedback for customers, confirming correct insertion of cards.

The CRT-288-K001 features a Card Latch and Release system to prevent card removal before write cycle completion. CRT-288-K001 is equipped with dedicated USB / RS232 / Power inputs and ships with 1.5meter standard loom sets. Tested to over 500,000 card insertion cycles, the CR-288-K001 provides truly reliable performance in highly demanding environments

The CRT-288-K001 forms part of the Creator Card reader product line from Eurocoin, selected for its superior feature set and reliability.



Features

- Supports Magnetic Stripe, RFID and IC Cards
- Bezel Options Metal / Plastic
- Customer Feedback LED
- Dedicated USB, RS232, Power Connectors
- Card Latch and Release System
- High Insert Cycle Requirements

Technical Specification

CRT-288-K001-HQAY DIP HYBRID CARD READER WITH METAL BEZEL PART NO: 23108057

CRT-288-K001-HEAY DIP HYBRID CARD READER WITH PLASTIC BEZEL PART NO: 23108058

Power	DC 5V±5% < 200mA or USB
Interface	RS232 or USB Interface (Automatically detect)
Dimensions (mm)	With Plastic E Bezel 118.5 (L) x 99 (W) x 72.5 (H) With Metal Q Bezel 121.7 (L) x 100 (W) x 65.4 (H)
Weight	Approx. 240g
Reliability Life Time	Magnetic head 500,000 times Min IC card contact carrier and contact: 300,000 times Min Latch 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: 0.76mm ± 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)
Magnetic Card Standard	Physical characteristics: ISO7810 and 7811 standard compliant Card dimensions: SO ISO7810ID-1- type card compliant Embossing: ISO7811-1, ISO7811-3 compliant Recording format: ISO7811-2, ISO7811-4, ISO7811-5, ISO7811-6 complaints
RFID Card Standard	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)