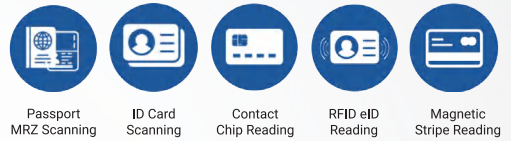


# CRT-603-7301

## Swipe ID Card Scanner



### Product Features

#### Multi-technology Data Capture

- Comprehensive Card Reading: Integrates OCR, RFID (ISO/IEC 14443 A/B), MSR (ISO/IEC 7811), and IC chip reading in one compact device
- Secure eID Extraction: Reads ICAO-9303 compliant ID card chip data (e.g., biometric passports, national IDs) via custom development
- High-speed MRZ Capture: Scans Machine Readable Zones (MRZ) on passports and IDs for instant data extraction

#### Precision Document Handling









- Versatile Media Support: Accepts cards (0.76mm - 1.1mm thick) and passport pages with single-sided 300DPI scanning
- Auto-Sensing Mechanism: Detects card entry and exit for smooth operation
- Image Capture Capability: Scans clear visual document images for verification and archiving

#### Flexible Deployment & Operation

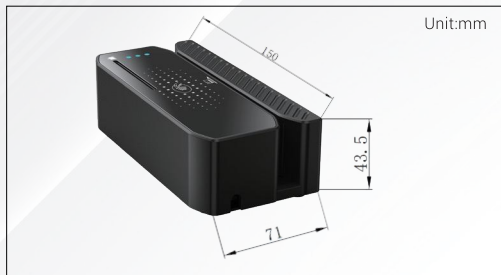
- Operational guidance: Programmable multi-color LED + buzzer alert
- Desktop Convenience: Operates as a standalone device via direct computer connection (plug-and-play ready)
- System Integration: Compatible with Windows and Android OS, supported by comprehensive SDK for seamless application development

The CRT-603-7301 is a supremely compact, all-in-one data capture device designed for speed, security, and seamless workflow integration. This versatile unit combines four critical technologies—OCR, RFID, MSR, and chip card reading—enabling the extraction of detailed passport and ID information with just a single swipe. Engineered for both versatility and unwavering reliability, the CRT-603-7301 adapts effortlessly to diverse secure workflows, from access control and rapid hotel check-in to financial services, and telecom activations, making powerful identity authentication remarkably simple and fast.

### Applications

 <b>Finance</b>	KYC onboarding, fraud prevention, card transaction
 <b>Hotel</b>	Guest check-in, age verification, loyalty RFID
 <b>Telecom</b>	SIM registration, identity proofing for contracts
 <b>Entertainment</b>	Real-name compliance, venue access control
 <b>Insurance</b>	Policyholder enrollment, anti-fraud archiving
 <b>Vending &amp; Retail</b>	Age-restricted sales, loyalty card integration
 <b>Government</b>	Voter ID checks, citizen authentication
 <b>Healthcare</b>	Secure patient registration

## Product Dimensions



## Specifications

Card Drive Function	The card can be swiped from left to right or right to left, as long as the MRZ code is facing down
Scanning Function	<b>Sensor type:</b> CIS (Contact Image Sensor), width 18mm; Supports infrared light <b>Manual card swipe scanning:</b> Image scanning speed of 100mm/s - 300mm/s. Image scanning time <1s <b>OCR recognition speed:</b> <0.5s
Communication	USB 2.0 High-speed USB communication, USB cable length < 2m
Applicable Cards	<b>Support scanning type:</b> Single-sided scanning <b>Support card specification:</b> Thickness: 0.76mm~1.1mm. Width:18mm
ID and Read/Write Cards	<b>Read/write card:</b> Support ISO/IEC 14443 A/B type card reading and writing <b>Other national IDs:</b> Can be customized to support the reading of ICAO-9303 compliant IDs
Support System	<b>Windows:</b> Windows 7/8/10/11 Test DEMO and secondary development via SDK are available <b>Android:</b> Support Android system, can provide test DEMO and secondary development through the SDK
Size and Weight	<b>Dimensions:</b> 150mm×71mm×43.5mm (L×W×H) Net weight approx. 430g (excluding accessories and packaging)
Power Supply	<b>Operating Voltage:</b> DCSV ±5% <b>Power ripple:</b> < 100mV <b>Operating Current:</b> Static Current: <250mA Operating current:< 800mA Peak current: 150mA
Operating Temperature and Humidity	5~45 °C, 20% ~ 80%RH
Storage Temperature and Humidity	-20 °C ~ +60 °C, 20% ~ 80%RH <b>Note:</b> The card machine is not in working condition during storage -20 °C storage time less than 24 hours 60 °C storage time less than 96 hours
Anti-vibration	<b>Frequency range:</b> 5 ~ 50Hz; Acceleration: 2m/s <sup>2</sup> (0.2G) <b>Vibration direction and vibration time:</b> 15 minutes in each direction of X, Y and Z Amplitude: 2mm All functions are not affected after vibration

\* Specifications subject to change without notice. For real-time data, contact the Creator Sales Team at sales@china-creator.com.