CDG

Computer Peripheral and Supplies Ltd.

KR-160 Kiosk Passport Reader

The KR-160 is a newly designed, multi-functional document scanner with a removable cover. It is based on OCR technology and compliant with ICAO 9303 standard. It is able to extract data from Passport, Visa, ID card, Driver License and other travel documents. It provides perfect solutions for kiosk and desktop ID authentication.

Multipurpose & Multifunctional

Reads multiple documents with ICAO 9303 doc specification, and non-ICAO 9303 documents such as passport, epassport, visa, ID, eID card, driver license etc.

Automatic Detection & OCR Processing

Just place the document properly, it will detect and capture the image automatically, free your hands and eliminate human typing error.

Fast & Time Saving

Only takes 1 to 2 seconds to process which speeds up a lot queuing time.

Easy to integrate SDK

With detailed API user guide and full SDK, it is easy to integrate the reader into user's own application system and visitor management system.

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Specifications

Illumination sources	Visible, IR(850nm)
Anti-glare	Elimination of glare from holographic anti-counterfeiting film and reflection of light
Image Acquisition	Active scan area: 127mm x 88mm | CMOS, 500 Megapixels (2592*1944)
Imaging	Color Depth: 24 bits/pixels | Resolution: 500 DPI | Image Format: JPEG, BMP, PNG
Crop for Headshot	Cropping of a document headshot image from a general image
OCR Recognition	Support extract data and image from ICAO 9303 Standard compliant documents and other Non-ICAO 9303 Standard compliant document, like ID card, Driver's License, Exit-entry Permit to HK/Macau, and etc by OCR Barcode: 1D: Code 128, Code 39, EAN-13, and etc & 2D: PDF417, QR, DataMatrix™, and etc Scanning speed less than 1 second
Machine Readable Zone	ICAO 9303 Standard compliant documents - ID-1, ID-2, ID-3 Non-ICAO 9303 Standard compliant documents issued by China
IP Rating	IP50
Data Communication	Compatible USB 2.0, USB 3.0, PC/SC
Communication Speed	Up to 848kbps
Auto-trigger	Automatic detection of a document in a scanning area
Auto-classification	Automatic recognition of a ID document type
Status Indicators	Four status indicator LEDs (for Power, Ready, Error, and Warning) & customize indicators
Software	Complete OCR SDK including DLLs, OCXs, Websocket, and Demo program Programming Language: VC, VB, C#, Java, etc. Provide OCR SDK for Linux.
Power	Input: AC 100~240V 50~60Hz, 0.8A / Output: DC 12V, 2A
Environmental	Humidity: 20% to 95% non-condensing | Temperature: Operating: -10°C to 50°C Storage: -20°C to 50°C
OS compatibility	Windows® 2000-SP4, Windows® XP, Windows® Vista, Windows® 7, Windows® 8, Windows® 10, and Linux®
Hardware	Dimension: 193.2*166*104.3mm | Net Weight: 1.30Kg | Gross Weight: 2.11Kg
Warranty	1 year warrany