



High Speed Reading ePassport Reader

ePassport Reader
JT-P100MR

With its high-precision OCR algorithm, this compact ePassport Reader is ideal for a wide range of applications

The compact body of this new ePassport Reader is packed with UV/IR imaging, barcode reader, and other functions. Applications include hotel guest management as well as quick and efficient immigration and preboarding checks.

High Speed

1 second for text 2 seconds for IC data

OCR takes only 0.1 seconds to scan text, only one second to complete analysis and output. Scanning IC data takes only two seconds. In total, it takes just three seconds to capture and display the full page using both white light and infrared imaging (Note 1). The JT-P100MR's dedicated circuitry for OCR, BAC (Note 2) not only ensures high speed processing, it simplifies installation by minimizing restrictions on PC specifications.



**No cover, no fuss.
Lay passport
on the scanner.
Takes only
three seconds.**

Multifunction

Fully equipped with UV and IR imaging and 1 and 2-dimensional barcode reading functions. The ideal solution for a wide range of applications.

Compact, Simple Design

Compact and Low

JT-P100MR fits easily on narrow counters. The low (115 mm) scanning surface makes it easier to use.

Trouble free, high-precision OCR

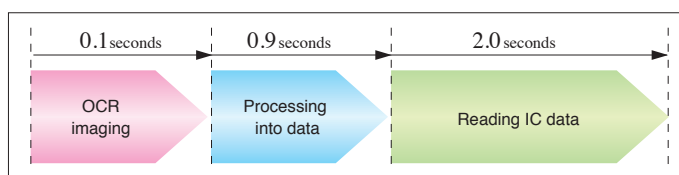
There is no need to press down hard on the passport to get a clear image.

Simple coverless design

No cover to complicate the process and interfere with scanning. JT-P100MR uses LED (not tube) UV flash light which is long lasting and maintenance free.

Loaded with experience and expertise

More than 550,000 Panasonic Contactless IC readers are in use worldwide. Our latest readers reflect more than 20 years of experience in developing state-of-the-art passport OCRs.



Proprietary technology boosts reading speed

OCR and contactless IC reader modules were developed and manufactured exclusively by Panasonic and optimize processing for faster reading speed.

Note 1: Based on standard Japanese passport (OCR + IC + IR and color image, no UV image)

Note 2: BAC stands for ICAO Basic Access Control, protects IC data privacy

Faster and simpler to operate, the JT-P100MR ePassport Reader improves service and reduces strain on systems

Function characteristics		
Readable documents	ICAO Doc9303-1 (TD3 size) ICAO Doc9303-3 (TD1, TD2 size) MRV	
OCR	Readable Characters	ISO 1073/1 OCR B font size 1, Numeric: 0.9 alphabet: A..Z (Capital letter) filler character: <
	Document detection	Automatic optical detection or manual operation
	OCR processing time	Approximately 1 second for text recognition (0.1 second to capture OCR image) * Based on Panasonic tests
	OCR accuracy	More than 98% of passports *Based on Panasonic tests
Image Scan	Scanning Area Size	127 mm x 90 mm
	Resolution	Approx. 240 dpi /480 dpi
	Capture mode	White light (color image), IR, UV (requires class 1M LED).
Barcode	Code 39, QR (model2) PDF417	
Contactless IC reader	ISO/IEC 14443 TypeA and B, 106, 212, 424, 847 kbps (Automatic baudrate adjust function) IC Data structure and read protocol: ICAO Doc 9303 Part1 6th Edition Basic Access Control (BAC), Active Authentication (AA), Passive Authentication (PA), EAC V1.11	
Switches, Indicator	POWER switch, MANUAL switch, POWER/READY/ERROR/IC Indicator	
Diagnostic feature	Self-diagnostic function, able to tell diagnoses to connected PCs	
External Interface	USB2.0 x 1 (RS-232C x 1 Option)	
Operation environment	Operational temperature: 5 - 40 °C Humidity: 20 - 80 % (non condensing)	
Power supply	DC12 V 0.7 A	
Weight	2.3 kg (approx.) (excluding accessories)	
Dimensions	W190 x D200 x H130 mm (approx.) (Excluding protrusions and accessories); scanning platen height 115 mm	
Accessories	AC adapter, USB cable, manual (AC cord sold separately)	
Software Development tools	DLL with sample application * Not supplied with unit; contract with Panasonic required	
AC adaptor	In put	AC 100 V (~240 V) 50/60 Hz
	Out put	DC 12 V 2.5 A



Sales of this product are subject to the Foreign Exchange and Foreign Trade Control Act. Export from Japan requires an export license.

How Panasonic Approaches the MRP Reader

Development based on listening to what users say

In the 20 years since Panasonic began to supply immigration authorities with the world's first high-speed, camera-type passport image reader, we have worked to make our readers more accurate, faster, and easier to use, plus smaller and more portable as well. We listen carefully to what users say as we continue research and development on even better devices.

Participation in standardization projects

For more than a decade, Panasonic has participated numerous times in compatibility tests to ensure that ePassport readers satisfy international standards.

- Due to printing irregularities, actual shades may vary slightly from the photo.
- Specifications are subject to change without notice.

- These products may be subject to export control regulations.

DISTRIBUTED BY:

Panasonic[®]

<http://panasonic.net/pss/ePassportReader/>

Printed in Japan (M2-AT053)