

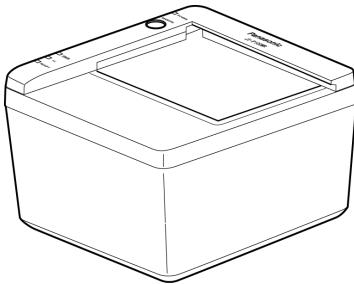
# Panasonic®

取扱説明書  
Operating Instructions  
Manuel d'utilisation  
Bedienungsanleitung  
Инструкция по эксплуатации  
使用説明書

## ePassport Reader/Lecteur de l'epassport/電子護照閱讀機

品番/Model No./No. de modèle/Modell-Nr./Модель No./型號

### JT-P100MR Series



このたびは、パナソニック製品をお買い上げいただき、まことにありがとうございます。

取扱説明書をよくお読みのうえ、正しく安全にお使いください。

ご使用前に「安全上のご注意」を必ずお読みください。

この取扱説明書は、大切に保管してください。

Before attempting to connect or operate this product, please read this instruction carefully and save this manual for future use.

Bitte lesen Sie diese Bedienungsanleitung vor dem Anschließen und der Inbetriebnahme dieses Produkts aufmerksam durch und halten Sie sie jederzeit griffbereit.

Nous vous recommandons de lire attentivement ces instructions avant de raccorder ou d'utiliser cet appareil et de conserver précieusement ce manuel à des fins de consultation ultérieure.

Прежде чем приступить к подсоединению или управлению настоящим изделием, следует тщательно изучить настоящую инструкцию и сохранить ее для будущего использования.

在連接和使用本產品前，請仔細閱讀以下說明並保存此說明書以備日後之用。

# LED

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**CAUTION: Use of controls adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.**

**VISIBLE AND INVISIBLE LED RADIATION  
DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS  
CLASS 1M LED PRODUCT  
IEC60825-1+A1+A2: 2001**

· UV-LED : Wave length 375 nm / Output 700 $\mu$ W

\* Aperture Stop Diameter Size: 7mm

\* Measurement Distance from Apparent Source Location to Aperture Stop: (\*1)

(\*1) Measured at the nearest point of human access for the complete unit as the worst case measurement because the minimum distance between the glass window and UV LED is 17.9mm which is longer than 14mm. (The maximum power was measured along the upper glass window.)

## **For USA**

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For USA

Federal Communications Commission Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **For CANADA**

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For CANADA

This Class A digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## For EU

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### For EU

This is a class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

### English

Hereby, Panasonic Corporation declare that this ePassport Reader is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

### Česky [Czech]

Panasonic Corporation tímto prohlašuje, že tento ePassport Reader je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

### Dansk [Danish]

Undertegnede Panasonic Corporation erklærer herved, at følgende udstyr ePassport Reader overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

### Deutsch [German]

Hiermit erklärt Panasonic Corporation, dass sich das Gerät ePassport Reader in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.

### Eesti [Estonian]

Käesolevaga kinnitab Panasonic Corporation seadme ePassport Reader vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

### Español [Spanish]

Por medio de la presente Panasonic Corporation declara que el ePassport Reader cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Ελληνική [Greek]

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Panasonic Corporation ΔΗΛΩΝΕΙ ΟΤΙ ePassport Reader ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Français [French]

Par la présente Panasonic Corporation déclare que l'appareil Lecteur de l'ePassport est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Italiano [Italian]

Con la presente Panasonic Corporation dichiara che questo ePassport Reader è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Latviski [Latvian]

Ar šo Panasonic Corporation deklarē, ka ePassport Reader atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių [Lithuanian]

Šiuo Panasonic Corporation deklaruoja, kad šis ePassport Reader atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Nederlands [Dutch]

Hierbij verklaart Panasonic Corporation dat het toestel ePassport Reader in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Malti [Maltese]

Hawnhekk, Panasonic Corporation, jiddikjara li dan ePassport Reader jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn rilevanti li hemm fid-Dirrettiva 1999/5/EC.

Magyar [Hungarian]

Alulírott, Panasonic Corporation nyilatkozom, hogy a ePassport Reader megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Polski [Polish]

Niniejszym Panasonic Corporation oświadcza, że ePassport Reader jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Português [Portuguese]

Panasonic Corporation declara que este ePassport Reader está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovensko [Slovenian]

Panasonic Corporation izjavlja, da je ta ePassport Reader v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

Slovensky [Slovak]

Panasonic Corporation týmto vyhlasuje, že ePassport Reader spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Suomi [Finnish]

Panasonic Corporation vakuuttaa täten että ePassport Reader tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska [Swedish]

Härmed intygar Panasonic Corporation att denna ePassport Reader står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Íslenska [Icelandic]

Hér með lýsir Panasonic Corporation yfir því að ePassport Reader er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Norsk [Norwegian]

Panasonic Corporation erklærer herved at utstyret ePassport Reader er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

The declaration of conformity may be consulted at  
<http://www.doc.panasonic.de>

Importer's name and address to follow EU rules:

Panasonic Testing Centre

Panasonic Marketing Europe GmbH

Winsbergring 15, 22525 Hamburg, F. R. Germany

Class 1 Device CE1731



# For Taiwan

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R31221

## 甲類

此設備經測試證明符號BSMI（經濟部標準檢驗局）之甲類數位裝置的限制規定。這些限制的目的是為了在商業環境中使用此設備時，能提供合理的保護以防止有害的干擾。此設備會產生、使用並散發射頻能量：如果未遵照製造廠商的指導手冊來安裝和使用，可能會干擾無線電通訊。請勿在住宅區使用此設備。

### 警告使用者：

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

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## 保固政策

保固期和保固範圍根據應用、合約或者經銷商而定。請向經銷商詢問。

<注>

以下情況不在保固範圍內：

- 由用戶所造成的如掉落、浸水或者其他非設計用途的使用等任何損害。

## 認證說明



經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



# **EMI (Electro Magnetic Interference)**

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**Warning:**

This is a class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

**Warnung:**

Dies ist ein Produkt der Klasse A. Wenn im Heim betrieben, kann das Produkt Hochfrequenzstörungen verursachen, gegen die der Benutzer u.U. geeignete Maßnahmen treffen muss.

**Avertissement:**

Il s'agit d'un produit de classe A. Dans un environnement privé, ce produit risque de créer des interférences radio auquel cas des mesures correctives adéquates peuvent être exigées de la part de l'utilisateur.

**Предупреждение:**

Это изделие класса А. В домашних условиях данное изделие может вызвать радиопомехи, что может требовать от пользователя принятия соответствующих мер.

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## **Limitation of liability**

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THIS PUBLICATION IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF THE THIRD PARTY'S RIGHT.

THIS PUBLICATION COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE ADDED TO THE INFORMATION HEREIN, AT ANY TIME, FOR THE IMPROVEMENTS OF THIS PUBLICATION AND/OR THE CORRESPONDING PRODUCT(S).

## **Disclaimer of warranty**

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IN THE EVENT IF THERE IS ANY MALFUNCTION OR FAILURE OF THIS PRODUCT, PANASONIC CORPORATION SHALL REPAIR OR REPLACE THE PRODUCT AS PROVIDED IN THE WARRANTY.

IN NO EVENT SHALL PANASONIC CORPORATION BE LIABLE TO ANY PARTY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGE, LOSS OR INCONVENIENCES TO ANY PARTY RELATING TO, REGARDLESS OF THE CAUSE, INCLUDING BUT NOT LIMITED TO;

- (1) ANY DAMAGE AND LOSS, INCLUDING WITHOUT LIMITATION, DIRECT OR INDIRECT, SPECIAL, CONSEQUENTIAL OR EXEMPLARY, ARISING OUT OF OR RELATING TO THE PRODUCT;
- (2) PERSONAL INJURY OR ANY DAMAGE CAUSED BY INAPPROPRIATE USE OR NEGLIGENT OPERATION OF THE USER;
- (3) UNAUTHORIZED DISASSEMBLE, REPAIR OR MODIFICATION OF THE PRODUCT BY THE USER;
- (4) ANY PROBLEM CAUSING FAILED SIGNAL TRANSMISSION RESULTING IN CONSEQUENTIAL INCONVENIENCE, LOSS OR DAMAGE, ARISING OUT OF CAUSE SUCH AS SYSTEM MALFUNCTION, FAULT, SETUP OR INSTALLATION;

# Precautions



## ■ Descriptions about the ePassport Reader main unit

### **Do not use this product near electronic equipment that requires highly accurate control or handles weak signals.**

Failure to observe this may cause malfunction with the electronic equipment.

- \* Examples of electronic equipment to be paid attention to  
Hearing aid, implanted cardiac pacemaker, implanted defibrillator, other medical electric equipment, fire alarm, automatic door, other automatic control equipment, etc.

When an implanted cardiac pacemaker, an implanted defibrillator, or other medical electric devices are used, consult the corresponding medical device manufacturer or dealer about the effects of radio emissions.

### **Do not insert objects inside the product.**

Failure to observe this may cause fire or electric shock due to short-circuit or high heat generation.

### **Do not view directly with optical instruments.**

Class 1M LED product

### **Do not attempt to disassemble or modify the product.**

Failure to observe this may cause fire or electric shock due to short-circuit or high heat generation.

### **Do not water it or get it wet.**

Failure to observe this may cause smoke generation or ignition.

### **Stop using the unit immediately if any fault is detected.**

There is risk of fire if you continue to use the unit after smoke or odor is detected.

### **Do not apply a strong impact or drop an object on the glass part.**

Broken glass may cause injury.

If the glass is cracked or broken, stop using this product without touching it and contact the maintenance service company.

**Do not put the main unit on an unstable place.**

Failure to observe this may cause device falling and consequently injury or unit trouble.

**Do not put the main unit on a place with moisture, dirt, greasy fumes, or steam.**

Failure to observe this may cause fire, electric shock or unit trouble.

# Precautions

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## ■ Descriptions about the AC adapter and AC cord

**Use caution not to damage the AC adapter, AC cord, or power plug.**  
(scratching, modifying, placing near heat, bending excessively, twisting, stretching, weighing down or bundling)

Using a damaged power cable or plug may cause electric shock, short circuit or fire.

**Do not handle the power plug or power cable with wet hands.**

Failure to observe this may cause electric shock.

**Do not exceed the ratings of inlet and wiring, and operate the product only within 100 - 240 V AC.**

Multiple circuits wiring exceeding the rating may result in overheating and fire.

**Dust the power plug periodically.**

If dust accumulates on the plug, insulation failure caused by humidity occurs and there is a risk of fire.

Unplug the power plug and wipe it with a dry cloth.

**Insert the power plug all the way.**

Inserting the plug halfway may cause electric shock, overheating or fire. Do not use a damaged plug or loosened AC outlet.

**Be sure to use the supplied AC adapter and power cable.**

If any parts are used deviating from their specifications, this may cause fire or malfunction.

# 1. Requirements for use

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To use this unit correctly, please observe the points specified below.

## ● System overall

- This unit works as part of the overall system including host equipment (such as a personal computer, etc.). This unit cannot work independently.
- In regard to overall system structuring including host equipment, please contact the SI (System Integration) company. The user alone cannot achieve system structuring.
- Operation of this unit may differ according to the application software adopted by host equipment. Detailed information about operation is obtainable from the relevant instruction manual furnished by the SI company.

## ● Personal information

- This unit is used to read out personal information of a passport and the acquired data are transferred to the host equipment. This unit itself has no function to save data, but it is advised to be careful in the handling of personal information while it is being transferred to the host equipment.

## ● Non-contact type IC reader/writer (proximity wireless)

- This unit is provided with a 13.56MHz proximity wireless function for the non-contact type IC reader/writer.
- If any radio transmitter or equipment bearing strong magnetism is used in the proximity of this unit, the unit may be affected to cause failure in reading out of the non-contact IC.

## ● Handling of the main unit

- This unit is a precision instrument. You have to handle it carefully. Do not give impact on it or put a heavy article on it.
- The illumination lamp flashes when the unit performs data reading from sources such as a passport. Do not look at the lamplight to avoid eye fatigue or hurt.
- The maintenance connector block is intended for maintenance servicing to be carried out by the manufacturer or its authorized maintenance company. It cannot be used on user's side.

## ● **Installation and environment**

- This unit can be installed only by an SI or such company authorized by the manufacturer. It cannot be installed by any user.
- This unit is designed for business use.  
This unit shall not be used for household purposes. Failure to observe this may cause jamming.
- This unit cannot be installed in the places specified below.
  - Outdoors
  - Where humidity is high or very much dust is prevalent
  - Where direct exposure to the sunlight is anticipated
  - In the vicinity of air-conditioner or blow-out outlets
  - Where strong magnetism is prevalent
  - In the vicinity of TV or radio receivers
  - In the vicinity of radio wave transmitter or its antenna

## ■ **Maintenance**

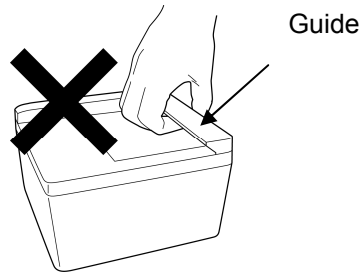
- Maintenance servicing should be given through conclusion of a maintenance service contract with a maintenance company authorized by the manufacturer.
- In the case of a fault caused in this unit, immediately contact the relevant maintenance company.

## ■ **Platen**

- Make sure not to press the glass surface with a strong force or drop an embossed or heavy article on it. Otherwise, the glass may be broken. If the glass should be broken, immediately stop using the unit and consult the maintenance company.
- If the glass surface is contaminated by fingerprints or others, data readout may be suspended.  
Do not touch the glass surface with bare hands or contaminate it.



- When moving or carrying this unit, do not touch the glass surface by hand or take hold of the upper limiter guide.



### ■ Care

- Be sure to turn off the power before taking care of this unit.
- For cleaning, use dry cloth or the like. Do not use thinner, benzene, alkaline detergent, alcoholic detergent, or the like.
- The glass surface should be cleaned occasionally.

### ■ Software, etc.

- This unit is not provided with any software for host equipment (driver software, SDK, application software, etc.).  
Software for host equipment will be furnished as a system by the SI company.
- For one unit of this product, software for host equipment can be installed and used, limited to one unit of host equipment to be connected and used with. In regard to more detailed information about the license rules for the system overall, please contact the SI company for confirmation.

#### [Prohibition items]

The user cannot take the actions specified below without any permission by the manufacturer or the authorized SI companies.

- The software relating to this unit is used for any other applications than the original purpose.
- The software relating to this unit is given to, lent to, or permitted for reuse to the third party, or any right relating to this software is transferred.
- The software relating to this unit is copied, duplicated, or used in multiple host equipment units.
- The software integrated in this unit and related software are modified or their basic ideas are changed for reverse engineering, reverse compiling, and reverse assembly.

- The Libjpeg library included in this unit belongs to the IJG authorship.

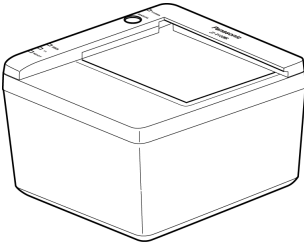
**Portions of this product are based in part on the work of the Independent JPEG Group.**

## 2. Confirmation of this product

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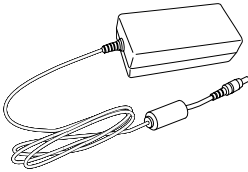
Check and identify the Main unit and following accessories when you first open the package.

### 1) Main unit



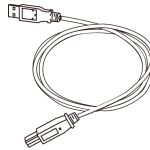
### 2) Accessories

#### • AC adapter



(Model No. TAZ4CD0812H)

#### • USB cable



(Model No. K1HY04YY0037)

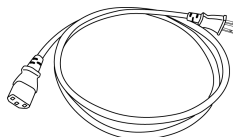
#### • Instruction manual (this document) 1 copy

#### Preparation of AC cord (Optional Accessory)

To use this product, AC cord (Model No. JT-P100AC- \* \*, \* \* is different by AC-plug shape), optional accessory, needs to be prepared separately.

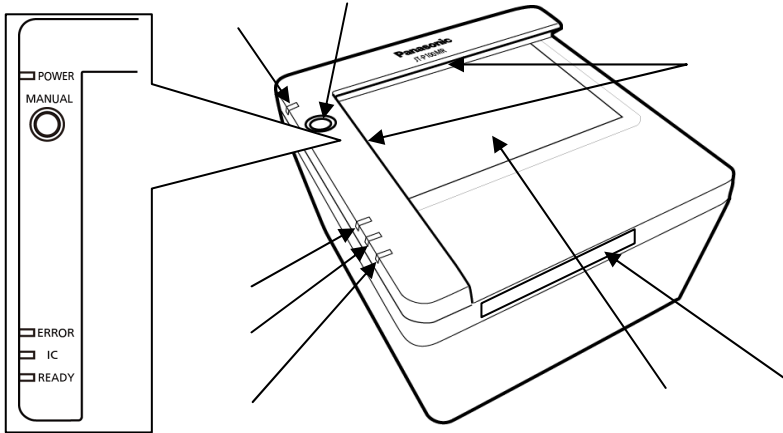
AC cord is connected to AC adapter.

Prepare the suitable AC cord for the place where this product is used.



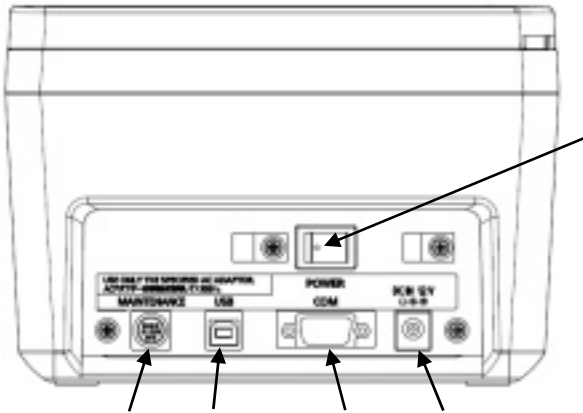
### 3. Description of Parts

Top view



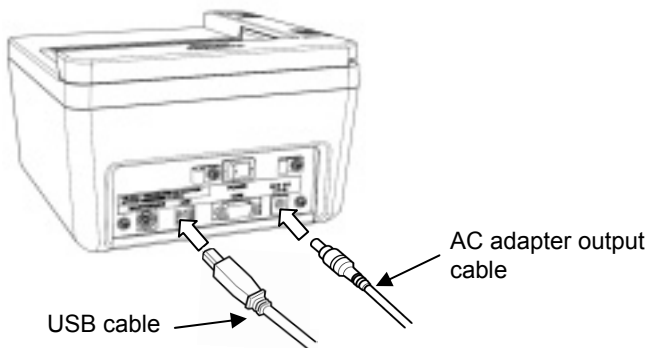
No.	Name	Function
	POWER indicator	Green: Power On Off: Power Off
	MANUAL switch	Press this switch to start manual passport readout operation when “Ready indicator” lights green.
	ERROR indicator	Red: Error occurs (except start-up process after Power switch turned on) Off: Normal status
	IC indicator	Blinking Orange: Reading the IC data (except start-up process after Power switch turned on) Off: Stop RF communication
	READY indicator	Green: Ready to start passport readout operation (except start-up process after Power switch turned on) Off: On Reading process or unable to start passport readout operation
	Platen	This is a passport image data readout surface. (This is made with glass.)
	Passport placing guide	This is a guide to place the passport to the correct area.
	Explanatory Label	“Class 1M LED Product” label

## Rear view



No.	Name	Function
	POWER switch	Press white [.] mark printed side: Power ON Press non printed side: Power OFF
	MAINTENANCE Port	Port for maintenance servicing. Do not connect any connectors for normal operating.
	USB Port	Port for USB cable of which the other side is connected to Host computer.
	COM Port	Option
	DC IN 12V Jack	DC Jack to connect appropriate AC adapter output cable.

### < Cable connection >

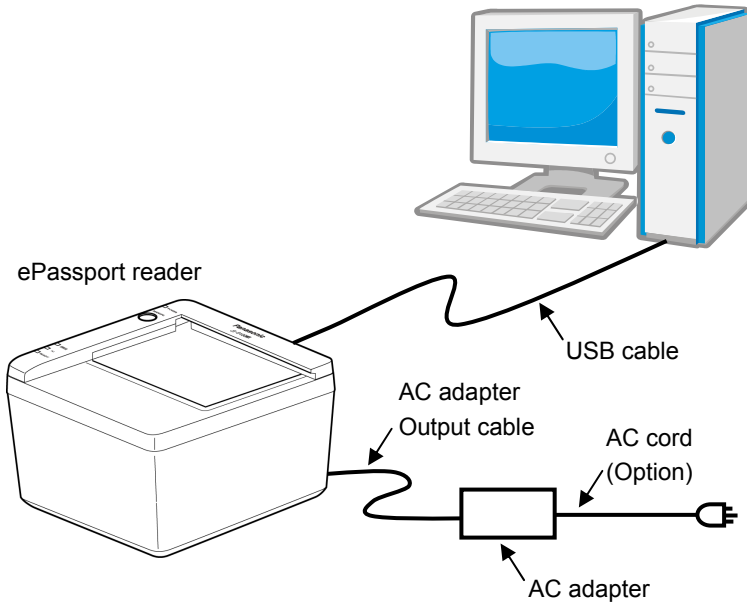


## 4. Operation

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### 4-1 Example of system configuration

An example of system configuration for this product is shown as follows. Refer to the system specifications for more detailed information on actual system configuration.



**Note:**

- Do not use the AC cord and AC adaptor of this unit with other devices. Also, do not use the AC cords and AC adaptors of other devices with this product.

## 4-2 Example of operation

An example of operation for this product is shown as follows.

For more detailed information, refer to the operating instruction manual of each system including this product.

- (1) Turn the POWER switch ON.

The POWER indicator lights green and the other three indicator light or blink. In the meantime, the READY indicator stops blinking and turns off.

- (2) Confirm that the READY indicator is lighting.

The READY indicator lights green when this product has received the specified command from the USB Port which is connected to the host equipment (personal computer, etc.) with USB cable.

While the “READY lamp” is not lighting, it cannot start passport readout operation. In such a case, to start passport readout operation, check the operating procedure of the host system or USB cable connections.

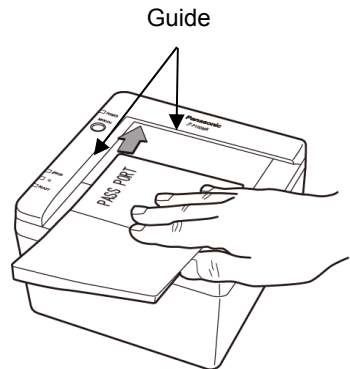
- (3) Set passport

Put the portrait page of the passport against the platen along the guide and set the passport.

When the set passport is automatically detected, the READY indicator turns off and it starts reading the passport data.

If the READY indicator is still lighting even after the passport has been set, press the “MANUAL switch” then the READY indicator turns off and it starts reading the passport data.

While reading the IC data, the IC indicator keeps on blinking.

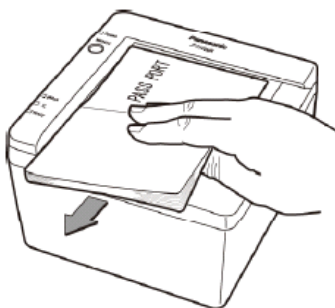


(4) Complete reading passport data

Upon the completion of the passport and IC data readout, the READY indicator lights again.

**Important:**

- In some cases, indications such as “readout complete” or “error” or “retry” may be displayed at the host equipment. Refer to the operating instruction of each system to continue operation.
- Extraction of the passport in the arrow direction allows smooth operation.



**Note:**

- If the passport cannot be detected automatically, press the MANUAL switch to start readout operation.



## 5. Troubleshooting

Problem	Cause / Solution
The POWER indicator is not lit when Power switch is turned on.	Probably, the AC adapter is not connected. Connect it assuredly.
The READY indicator is not lit.	<ul style="list-style-type: none"> <li>● The connected host equipment (personal computer, etc.) is not in operation. Let it operated.</li> <li>● The USB cable is not connected. Connect it assuredly.</li> </ul>
Readout operation is not started even though the passport has been set.	<ul style="list-style-type: none"> <li>● The passport does not touch the Guide. Let it touch the guide assuredly.</li> <li>● The passport is too thick and automatic detection fails. Start readout operation by pressing the MANUAL switch.</li> </ul>
OCR Characters cannot be read out correctly.	<ul style="list-style-type: none"> <li>● The Platen is not clean. Clean the glass.</li> <li>● The passport is deformed. Correct the passport shape.</li> </ul>
The IC indicator is blinking.	<ul style="list-style-type: none"> <li>● IC data readout is not complete. Set the passport on the Platen.</li> </ul>
The ERROR indicator is lit.	<ul style="list-style-type: none"> <li>● Set the passport again and retry passport readout operation.</li> <li>● Though having retried passport readout operation, the indicator does not turn off. Turn off the Power switch and then turn on the switch again.</li> </ul>
No operation starts even though the MANUAL switch is pressed.	<ul style="list-style-type: none"> <li>● The connected host equipment (personal computer, etc.) is not in operation. Let it operated.</li> </ul>

If the present problem has not been solved even after the above-mentioned action had been taken, refer servicing to qualified service personnel.

## 6. Specifications

### Main unit:

Items		Specifications
Readable documents		ICAO Doc9303-1 (TD3 size) ICAO Doc9303-3 (TD1size) MRV
OCR Functions	Readable characters	ISO 1073/1 OCR B font size 1 Numeric: 0 - 9 Alphabets: A - Z (Capital letters) Symbol marks: <
	Detection of the document	Auto detection by optical sensing method or manual start by the MANUAL switch pressing.
	OCR Processing Time	Approx.1 sec. (*1)
	OCR accuracy	98% or above (by Passport) (*1) * Except dirty and damaged OCR
Image Scanning Function	Scanning Area Size	127 mm × 90 mm
	Resolution	Approx. 240 dpi
	Image Capture Mode	White light illumination mode (Color images) Infrared (IR) light illumination mode Ultraviolet (UV) light illumination mode
Barcode readout function		Code39, QR-code (Model 2), PDF417 (*2)
Contactless IC Reader function		ISO/IEC14443 Type A and B: Baud rate 106 - 847kbps (automatic baud rate adjust function) Frequency: 13.56 MHz IC data structure and read protocol: Doc9303 Part1 6th Edition Basic Access Control (BAC) Active Authentication (AA)
Operation switches		POWER switch MANUAL switch

Items	Specifications
Indicators	POWER indicator: Green READY indicator: Green ERROR indicator: Red IC indicator: Orange
External interface	USB 2.0 × 1 (RS-232C × 1 (*3))
Self-diagnostic functions	Self-diagnostic functions are provided to the hardware and notification is possible to the host equipment.
Operating environment	Operating temperature: +5 - +40 Humidity: 20 - 80% (Non condensing)
Power supply	DC 12V, 0.7A
External dimensions	Approx. W190 × D200 × H130 mm (without accessories) * Readout surface height: Approx. 115 mm
Mass	Approx. 2.3 kg (without accessories)
Accessories	AC adapter, USB cable, Operating Instruction
Optional Accessories	AC cord (JT-P100AC- * *) (*4)

AC adapter:

Items	Specifications
Input	100V - 240V AC, 50/60Hz (*5)
Output	12V DC, 2.5A

Notes:

- \*1 According to Panasonic test standards.
- \*2 Barcode readout function may not be appropriately performed depending on the printing quality or code variation.
- \*3 RS-232C; Optional function
- \*4 AC cord; Option Accessories  
 [Model number] JT-P100AC-J0; Japan Version,  
 JT-P100AC-F0; Europe version (excluding UK),  
 JT-P100AC-E0; UK Version,  
 JT-P100AC-U0; North America version,  
 JT-P100AC-W0; Taiwan Version

- \*5 JT-P100AC-J0; Connect the AC code with the outlet of AC100 V.
- JT-P100AC-U0; Connect the AC code with the outlet of AC120 V.
- JT-P100AC-W0; Connect the AC code with the outlet of AC110 V.

## Information on Disposal for Users of Waste Electrical & Electrical Equipment



This symbol on the products and/or accompanying documents means that used electrical and electronic products should be mixed with general household waste. For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product. Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

### For business users in the European Union

If you wish to discard electrical and electrical equipment, please contact your dealer or supplier for further information.

### Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

