

RFID: RI12A

User Manual

1 GENERAL

1-1 Purpose and Scope of this document

This document contains the specifications pertinent to the module for 13.56MHz RFID.

Items	Specification
RFID reader	RF frequency: 13.56 MHz TYPE-A and B ISO14443
Operation Environment	Temperature: -10 ~ 50°C {14 °F to 122° F}
	Humidity: 30% to 80% RH (No condensation)
Storage Environment	Temperature: -20 °C to 60 °C {-4 °F to 140 °F}
	Humidity: 30% to 90% RH (No condensation)

<Only for model with RFID Reader>

You can read the data from RFID (Radio Frequency Identification) tags.

NOTE

- RFID Reader is typically used with specialized applications. For further information, ask the system administrator.



1. Aim the center of RFID tag at the RFID Reader (A).
 - o Continue operation by using the specialized applications.

NOTE

- Operation distance depends on RFID tag.
- When a Smart Card is inserted, RFID reading time becomes longer.

Regulatory Information

USA-Federal Communications Commission (FCC)

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.

Caution

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

Labeling

System integrators must include the FCC ID on the end product.

Canada-Industry Canada (IC)

This device complies with RSS 210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of this device.

L' utilisation de ce dispositif est autorisée seulement aux conditions suivantes :

- (1) il ne doit pas produire de brouillage et
- (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

Labeling

System integrators must include the IC ID on the end product.

Important Notice

Panasonic will not sell radio modules to any third party; and will not allow aftermarket installation by any third party or end user. Instead, they will only be installed within Panasonic Notebooks, Laptops, Tablets and Ultra Mobile Toughbook PCs. Panasonic confirms that the provided operating instruction to user will not include any instructions how to add or remove any of the transmitter modules.