

RA-101/103/104
Side Attachment for RT-series Terminals
User Manual



Package Contents

RA-101

- ✓ RA-101 Side Attachment
with Magnetic Stripe Reader.....(x1)
- ✓ User Manual.....(x1)



RA-103

- ✓ RA-103 Side Attachment
with iBottom/RFID Reader.....(x1)
- ✓ User Manual.....(x1)

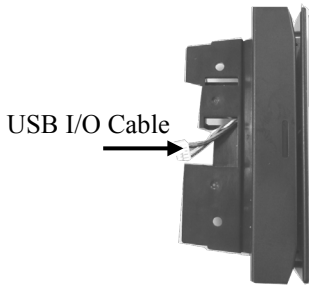


RA-104

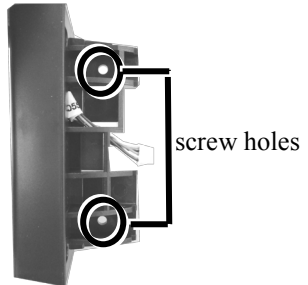
- ✓ RA-104 Side Attachment
with 2D image scanner.....(x1)
- ✓ User Manual.....(x1)

Views of RA-101

Front View

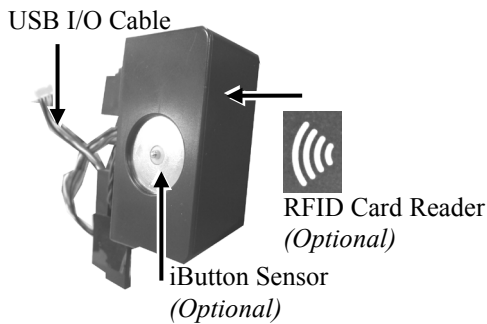


Rear View

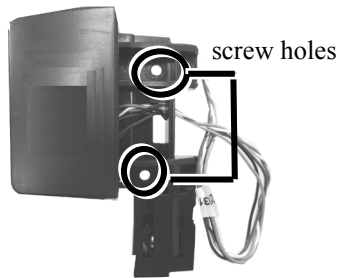


Views of RA-103

Front View

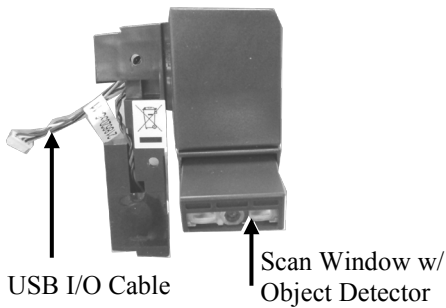


Rear View

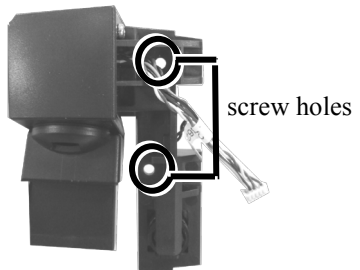


Views of RA-104

Front View



Rear View



Installing RA-101/103/104 to RT-series Terminals

Please go through the following instructions to finish installation of RA-101/103/104. Also, ensure RT-series terminal is properly shut down during installation.

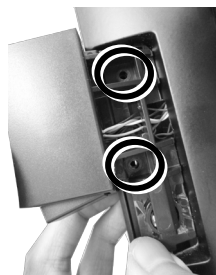
1. Use slotted screwdriver to remove the cover for attachment bay which is located on the left side of the rear of your RT-series terminal.



2. Connect the cable of RA-101/103/104 to the cable connector from mainboard of your RT-series terminal. Then, tuck excess cables inside the attachment bay of the terminal



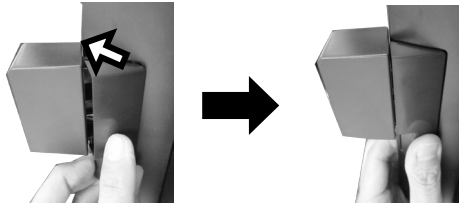
3. Align the screw holes of RA-101/103/104 with the mounting holes inside the attachment bay of your RT-series terminal.



4. Secure RA-101/103/104 with two screws.



5. Push the back cover for RA-101/103/104 until it is locked into place as shown in the figure.



Using Magnetic Stripe Reader (for RA-101 only)

RA-101 with magnetic strike reader mainly serves to read and decode data from magnetic stripe. Please go through the following tips while swiping your MSR cards through the reader:

1. Swipe your card with the side of magnetic stripe facing your terminal screen.
2. Swipe your card along the track of the reader in the direction shown in the figure.



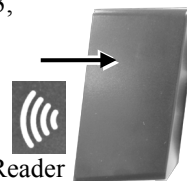
Using iButton Sensor (for RA-103 only)

iButton sensor, an optional item located on the front side of RA-103, mainly functions to verify an individual's identity for enhanced access control to your computer.



Using RFID Card Reader (for RA-103 only)

RFID card reader, an optional item featured in RA-103, is locatable on the right side of RA-103. To retrieve data through the RFID card reader, tap your Mifare card against the RFID reader.

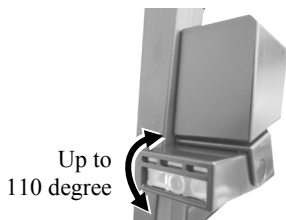


RFID Card Reader
(Optional)

Adjusting the Scan Angle for RA-104

To enhance your experience using 2D image scanner, RA-104 provides a wide range of angle adjustment, with a vertical scanning angle of up to 110° and horizontal scanning angle of up to 180°. Please refer to the figures below to properly adjust RA-104 for a better scanning angle.

Vertical Angle Adjustment



Horizontal Angle Adjustment



Installing Virtual COM Driver for RA-101

To access MSR module using USB virtual COM port, please be advised to download and install related drivers from Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>)

Installing Drivers for iButton Module of RA-103

To ensure iButton module embedded in RA-103 functions normally, please visit Posiflex Official Website (<http://www.posiflex.com/en-global/Download/download>) to download and install the related drives.

Support

Online Enquiry

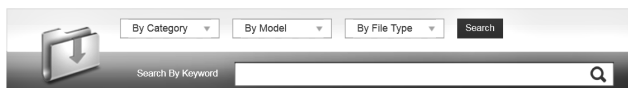
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Setting up RA-104

To enable you to configure RA-104 based on personal preferences, two options are offered to achieve the purpose: the advanced user manual, which contains a complete set of barcode labels, and the quick setup guide with most frequently used barcode labels. Please visit Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>) to download the related documents.

Specifications

RA-104

	RA-104
Scan method	CMOS area sensor (black and white)
Number of effective pixel	640 (H) × 480 (V) dot
Image capture speed	100 fps (frame rate) (The fastest speed of image capture)
Adjusting angle	Horizontal : Approx. 180° Horizontal : Approx. 110°
View angle	Diagonal : Approx. 46.4° Horizontal : Approx. 38.0° Vertical : Approx. 26.4°
Auxiliary light source (LED × 1)	Color : Warm White LED Color Temperature : 2600 ~ 3700K
Light source for aiming (LED × 1)	Color : Green LED Peak Wave Length : 525 nm
Depth of field (mm)	<ul style="list-style-type: none"> ➤ Code 39 <ul style="list-style-type: none"> 45~120mm (Resolution(0.127)) 60~240mm (Resolution(0.25)) 80~260mm (Resolution(0.33)) ➤ Code 128 <ul style="list-style-type: none"> 65~210mm (Resolution(0.25)) ➤ UPC <ul style="list-style-type: none"> 45~300mm (Resolution(0.33)) ➤ PDF417 <ul style="list-style-type: none"> 30~210mm (Resolution(0.25)) ➤ QR Code <ul style="list-style-type: none"> 30~240mm (Resolution(0.381)) ➤ DataMatrix <ul style="list-style-type: none"> 35~160mm (Resolution(0.31)) (Measured from the front end of the scanner)

※ The product information and specifications are subject to change without prior notice. To get the detailed information on RA-101/103/104, please check this model from Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>).

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