BS-RFID Reader User's Manual

1. Summary

1.1 Summary

⇒ This is a Read/Write functional short-range wireless-aware device used to Tag the ID of each user, including their name, date of birth, gender and etc.

The Tag may be a card or a coin provided to each individual for convenient user management.



<BS-RFID Reader>

1.2 Specification

• Frequency: 13.560 5MHz

RF Data Rate : ISO 15693 26.6kbps
 ISO 14443A 105.9kbps

Read Range : Maximum 50mmAntenna : 50ohm Internal Antenna

• Interface : USB

• Data Rate: Serial 9600 to 115200 baud rate

• Power : DC 5V(PC USB powered)

• Dimensions: 52mm(H) x 82mm(W) x 17mm(L)

• Weight: 150g

• RF Output Power (Field Strength) : Maximum 47.544 mV/m @ 10 m

No of Channel : SingleModulation method : ASK

1.3 Item

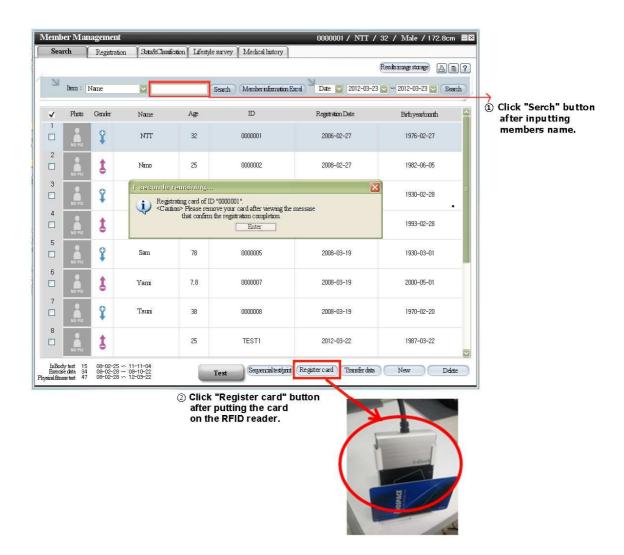
Corporation: Biospace Co. Ltd
Name: RFID/USN Mobile Reader
Model Name: BS-RFID Reader
Manufacturer: Biospace Co. Ltd

• Manufactured in Korea

• Serial Number: RFID3-IO2B13.5605TRA1D1

2. Operation Manual

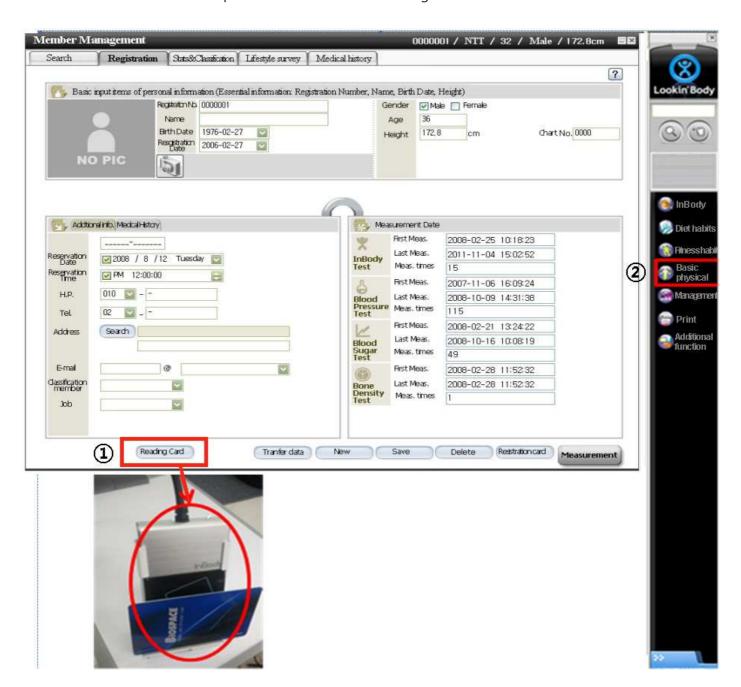
2.1 Registering User



- ① Enter the user's name in the search panel and click Search.
 - ⇒ Click Search bar after entering the "user's name" in LB Search bar on the right of the screen. The user's data will show in the "Member Management" window on the left of the screen.
- 2) Place the Card on the RFID Card Reader and click "Register card".
 - ⇒ After 3, 0.5 second beeps, a screen pop up will indicate, "Registration Complete". Card that has completed registration should be given to the user.

2.2 Checking User's Measurement Data

- ① After User Measurement is complete, place the Card on the reader and click on the "Read the Card" button.
- ⇒ After User Measurement is complete, place the Card on the reader and click on the "Read the Card" button. The User's basic data will be provided on the "Member Management:" screen.



- ② Click on the "Basic Physical" button to the right of the Lookin'Body window.
 - ⇒ The Measurement data will be provided.



FFC Information

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- 1.1. Reorient or relocate the receiving antenna.
- 1.2. Increase the separation between the equipment and receiver.
- 1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
- 1.4. Consult the dealer or experienced radio/TV technician for help.

Warning

Changes or modification not expressly approved by the manufacturer could void the user's authority to operate the equipment.

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