**THIR-6000RF**

- RF-ID
- 2D barcode
- GS1 Data Bar
- Wireless

# Hybrid Handheld scanner THIR-6000RF

*Debut!*

## Hybrid scanning

Its 1.3M pixel camera read all 1D and 2D barcode with top notch speed and accuracy.
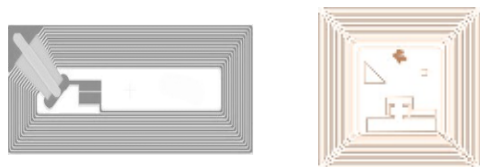
Also THIR-6000RF can seamlessly read and write ISO15693 certified HF tags such as "Tag-it HF-I", "ICode SLI", "my-d", "MB89R118" and " MB89R119".

**No need to spend time to select hardware!**

**High performance reading for barcodes**

**Read HF tags (ISO15693: 13.56MHz)**

**Read by one scanner**

## Durability

Obtain IP64 sealing certificate and clear multiple drop test from 2m high to concrete. Spacious environmental toughness to meet requirement from manufacturing, distribution and all other applications.

## Only 175g [*]

Its light weight reduce stress of operators.  It is also contribute to its durability against drops.

*wired type

## Top notch reading performance

Its automatic detection of barcode can ease the operations to read barcode.  Also it is good at reading row contrast barcodes.

## Reduce human error

Even in dark or noisy environment, its bright LED and vibration inform operator the successful reading to avoid miss-input by reading the same barcode multiple times.

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URL  http://www.tohken.co.jp
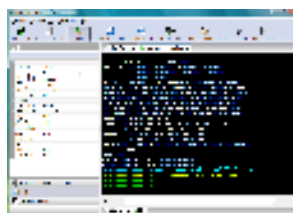
## Specification

### Basic Specification

| | | |
|---|---|---|
| Model | | THIR-6000-RF, THIR-6000U-RF, THIR-6000B-RF |
| Interface | | RS-232C : THIR-6000-RF |
| | | USB/HID (Switchable by software) : THIR-6000U-RF |
| | | Bluetooth : THIR-6000B-RF |
| 2D code | | DataMatrix(ECC200), PDF417, MaxiCode, QR Code, MicroQR, MicroPDF, GS1 Data Bar Composite, Customer barcode (optional) |
| 1D code | | JAN/EAN/UPC, ITF, Codabar, Code39, Code93, Code128, EAN128, GS1 Data Bar |
| RFID | Regulation | Frequency 13.56MHz |
| | Output power | 200mW |
| | Supported tag | ISO 15693 (Tag-it HF-I, ICode SLI, my-d, MB89R118, MB89R119) |
| | Direction of read | Same as barcode reading |
| | Working distance | Maximum 50mm *vary by using environment and type of tag |
| Power supply | | DC5.0V+/-5% : THIR-6000-RF, THIR-6000U-RF |
| | | Li-ion battery (3.7V 2200mAh) : THIR-6000B-RF |
| Power consumption (in reading operation) | | Around 400mA @ 5.0V : THIR-6000-RF |
| | | Around 400mA @ 5.0V : THIR-6000U-RF |
| Operation temperature / humidity | | 0 to 40C / 35 to 85%RH (non condensing) |
| Storage temperature / humidity | | -20 to 65 C / 35 to 85%RH (non condensing) : THIR-6000-RF, THIR-6000U-RF |
| | | -20 to 60 C / 35 to 85%RH( non condensing) : THIR-6000B-RF |
| Protection Rating | | IP64 |
| Durability against drops | | Multiple drops form 2m high to concrete and fully operate |
| Dimensions | | 63(W) x 159(H) x 99(D)mm |
| Weight | | 175g (without cable) : THIR-6000-RF, THIR-6000U-RF |
| | | 220g : THIR-6000B |

◆ Please keep at least 22cm from implantable medical device because of radio frequency generated from this product.
◆ Please secure at least 10cm from other units of this product in case of multiple usage to avoid radio wave interference
◆ Specification and design are subject to change without any notices for product improvement purpose
◆ "Tag-it HF-I" is a trade mark of Texas Instruments
◆ "ICode" is a trade mark of NXP Semiconductors
◆ "my-d" is a trade mark of Infineon Technologies
◆ "MB89R118" and "MB89R119" are trade marks of Fujitsu Co., Ltd
◆ Other company names or products names are trade marks or registered trade marks of each company

## Specthir



★Easy to use GUI is available to configure the scanner beside configuration barcode menu
★Icons for frequently used functions are allocated on the software.
★No frustration to check scanner status, configuration and save settings in file to copy in other scanner.



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*Specification will be changed without any notice