



SERVICE MANUAL

IFT-21542 INFOTAG 1.54 (BW/R)

IFT-21542

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Screen displays, operating procedures and supporting features might vary with different software version releases.

This document shall not be reproduced whether in part or whole without the written consent from Teraoka Weigh-System Pte Ltd.

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ii) Safety Information

The operator of the equipment shall comply with the safety and warning indications and procedures outlined in this document. Teraoka Weigh-System Pte Ltd assumes no responsibility or liability for failure to comply with these requirements.

- Repair and servicing of product, shall only be carried out by trained and qualified personnel.

Disclaimer:

Specifications are subject to change without notice. All dimensions shown are approximate. Please be aware that Teraoka has indicated that its hardware and software used in the product may require additional updates in the future as our product is continually under development. The need for such updates most likely applies to the Printer software.



CAUTIONS:

FOR PLUGGABLE EQUIPMENT, THAT THE SOCKET-OUTLET SHALL BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE.

**POUR LE MATÉRIEL RACCORDÉ PAR PRISE DE COURANT, LE SOCLE DE PRISE DE COURANT DOIT ÊTRE
INSALLÉ À PROXIMITÉ DU MATÉRIEL ET DOIT ÊTRE AISÉMENT ACCESSIBLE.**

FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATING OF FUSE.

POUR NE PAS COMPROMETTRE LA PROTECTION CONTRE LES RISQUES D'INCENDIE, REMPLACER PAR UN FUSIBLE DE MÊME TYPE ET DE MÊME CARACTÉRISTIQUES NOMINALES.

DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISCARD USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS

IL Y A DANGER D'EXPLOSION S'IL Y A REMPLACEMENT INCORRECT DE LA BATTERIE. REMPLACER UNIQUEMENT AVEC UNE BATTERIE DU MÊME TYPE OU D'UN TYPE RECOMMANDÉ PAR LE CONSTRUCTEUR. METTRE AU RÉBUT LES BATTERIES USAGÉES CONFORMÉMENT AUX INSTRUCTIONS DU FABRICANT.

iii) Safety Regulations



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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 to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

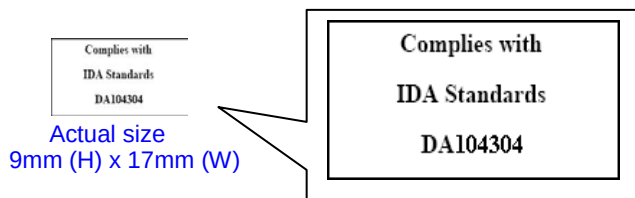
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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.

IDA Compliance Statement: (Singapore)

This equipment registered to comply with IDA (Info-Communications Development Authority of Singapore) Standard under Dealer's Class License.



Industry Canada statement:

This device complies with Industry Canada's licence-exempt RSSs. 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 the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1) l'appareil ne doit pas produire de brouillage;

2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NCC 警語：

第十二條→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。

第十四條→低功 射頻電機之使用 得影響飛航安全及干擾合法通信；經發現有干擾現象時，應 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 射頻電機須忍受合法通信或工業、科學及醫 用電波 射性電機設備之干擾。

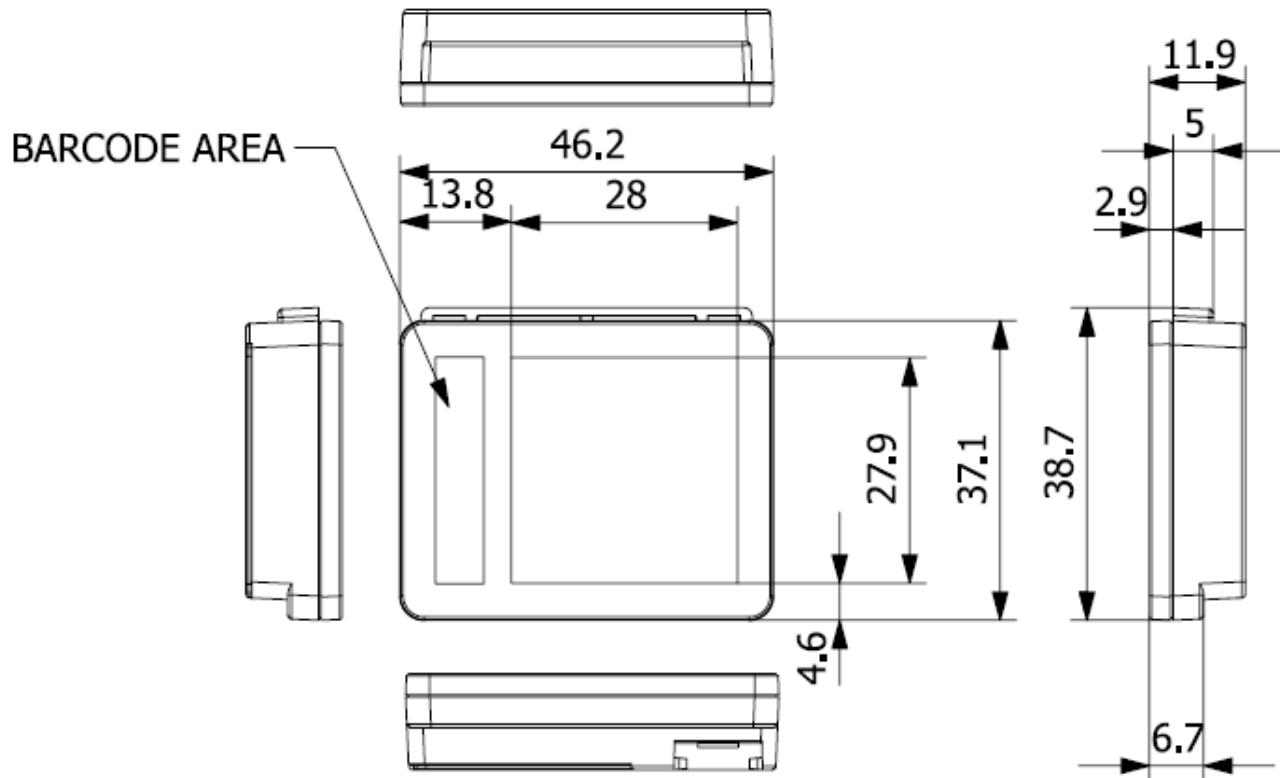
1. General

1.1 Model Specification

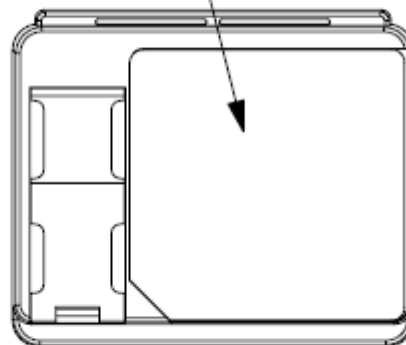
Model	:	IFT-21542
Dimensions (in mm)	:	Infotag 1.54 (BW/R) - 46.2 (L) X 38.7 (H) X 11.9 (W) LCD Size - 31.80mm x 37.32mm x 0.98mm Display Window - 28.0mm x 27.9mm LCD Resolution - 152 x 152 dots (Dpi: 140)
Weight	:	20g approx.
Power Source	:	DC Cell Button Battery 3.0V x 1
Operating Temperature	:	0 °C to + 40 °C
Humidity	:	85% Max. Non-condensing
IP Rating	:	TBA
Housing material	:	PC plastic casing, PC battery cover
Battery Specification	:	Type - CR2450 (Cell Button Battery) Nominal Voltage - 3.0V Life Time - 5 years (<i>2 update/day</i>) Weight - 6.6g approx.

2. Dimension

IFT-21542



BATTERY COVER



3. IFT-21542 Setup Diagram & Spec Setting

3.1 Overall Layout and Label design

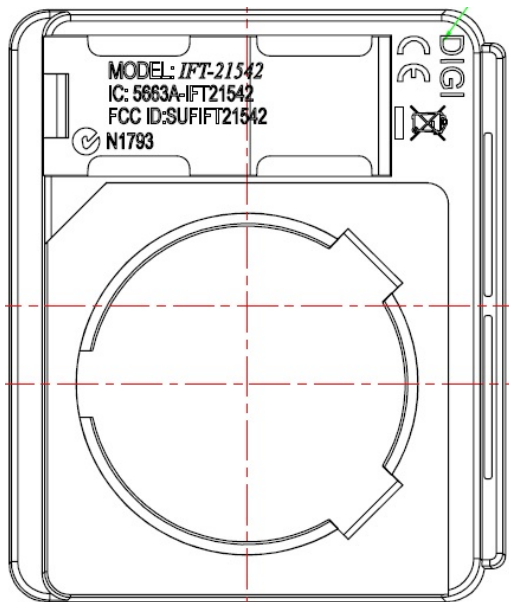
IFT-21542



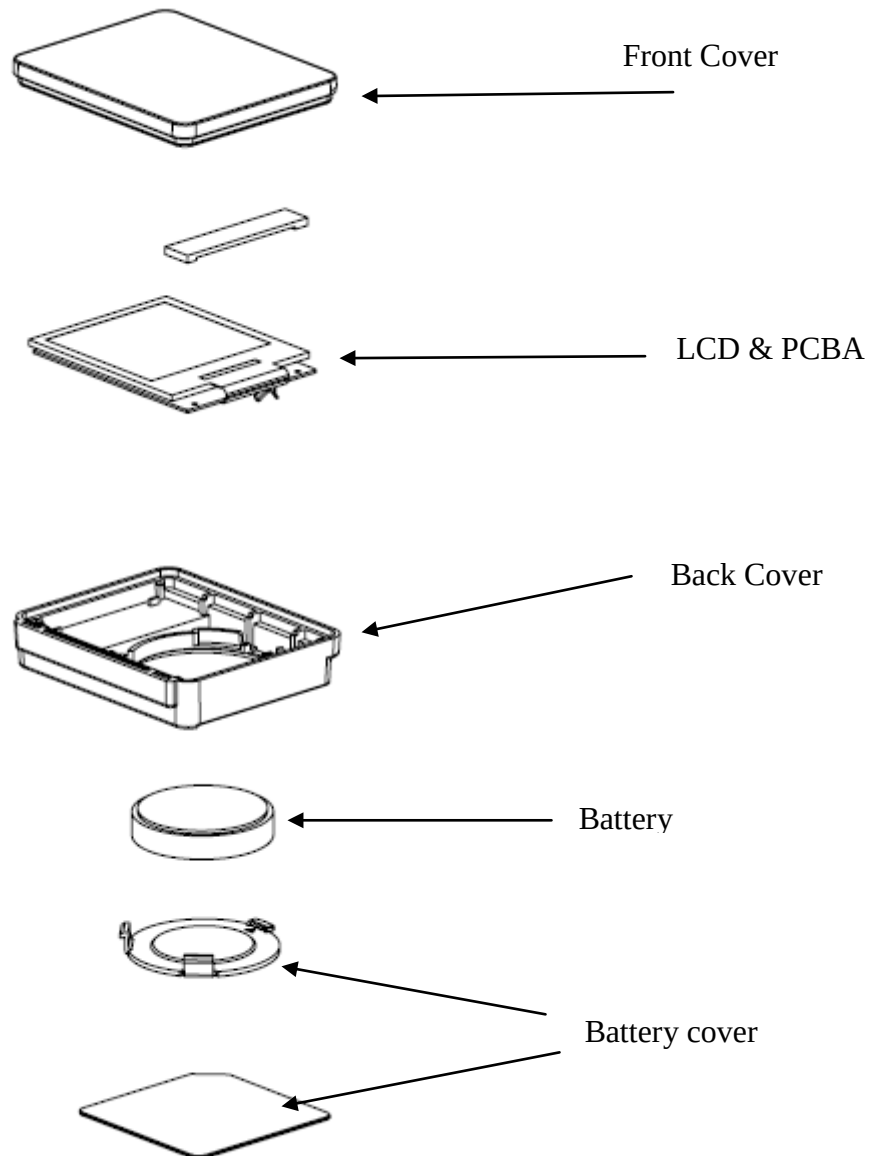
Front View



Back View



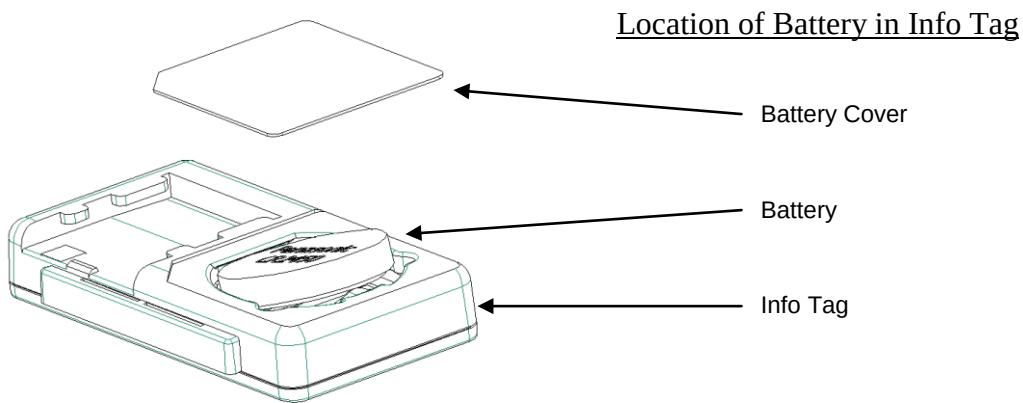
3.2 Exploded View

IFT-21542**Note:**

This product is fully sealed by Ultrasonic Welding process.

(Above the information is only reference for factory and Technical department.)

3.3 Replacement of Info Tag Battery



- i. Pull off the battery cover from back of the Info Tag.
- ii. Replace the new battery. (Ensure the Battery polarity is correct)



Caution: Dispose of the Battery according the Safety Guideline.

- i. Avoid placing the battery in reverse polarity.
- ii. Do not heat or dispose of fire. May burst or release toxic material.
- iii. Do not charge.
- iv. Do not short circuit.
- v. Do not solder the battery directly.

3.4 Button Cell Specifications

Model	CR2450	
System	Manganese dioxide–Li/Organic Electrolyte	
Nominal Voltage (V)	3	
Nominal Capacity (mAh)*	610	
Nominal Discharge Current (mA)	0.2	
Temperature Ranges (deg. C)	min.	max.
Operating	–20	+85
Weight (g)**	6.6	
Dimensions (mm)**		
Diameter	24.5	
Height	5.0	
Negative Cap Diameter	20.0	
UL Recognition	MH12568 (N)	

3.5 ESL Attachment (Refer to ESL Attachment Catalogue)

For all information about the ESL Various Attachment type, function, installation etc. Please refer to ESL Attachment Catalogue

<http://www.digiesl.com.tw/digiesl/sys4.asp>

<http://www.teraoka.com.tw/digi/article.aspx?id=77>

<http://www.digiesl.com/>

3.6 Product Handling of Info Tag

Handle product with care. Do not expose product to corrosive chemical solution, any organic solvent acidic or alkaline. If cleaning is required, wash only water or mild soap solution.
Do not attempt to disassemble, apply force or heavy load to the product. No user serviceable parts inside.

4. Revision Records

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