

Operating Manual

[TELICA Electronic Shelf Label]

Notes

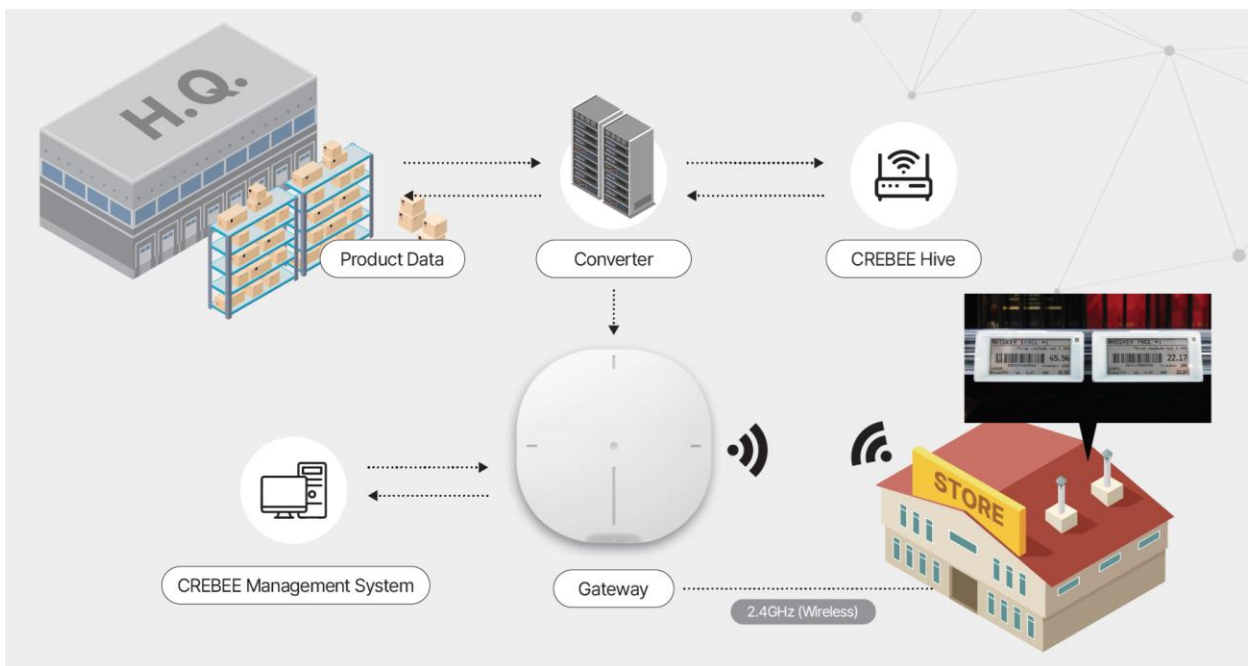
The contents of this data sheet are subject to change without notice.
Please confirm the specifications and delivery conditions when placing your order.

1. Summary

Telica's ESL tags offer a cost-effective solution for real-time pricing and inventory automation.

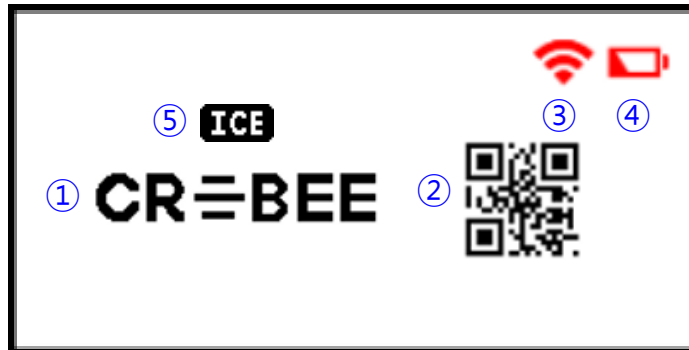
They are specifically designed for retail and industrial operations.

By utilizing E-paper displays, these tags eliminate the need for paper labels, significantly reducing operational costs while enhancing efficiency. Furthermore, Telica supports optimized workflows across retail, logistics, and healthcare sectors by providing advanced synchronization and high data accuracy.



2. ESL Tag Operating Info.

2.1 EPD Initial image Info.



1) **CR=BEE** TELICA ESL Logo

2)  QR_Code - 802.15.4 MAC Address

3) ESL Tag's Connection Icon

 Connected with Gateway

 Disconnected with Gateway

 Initial State, Tag is entered sleep mode

4) ESL Tag's Battery Icon

 Battery level is below 10%

 Battery level at 0%

5) **ICE** Freezer Tag Icon to distinguish from Mono(B/W)

2.2 LED Operating Info.

Action	Color	Function
LED On until EPD updated	Red	Error occurred in EPD updating
	Green + Blue	EPD Image is updating
LED On 1 sec interval when button push	Green	Tag is connected with Gateway
	Green + Red	Tag is disconnected with Gateway

2.3 Button Operating Info.

1) Initial state

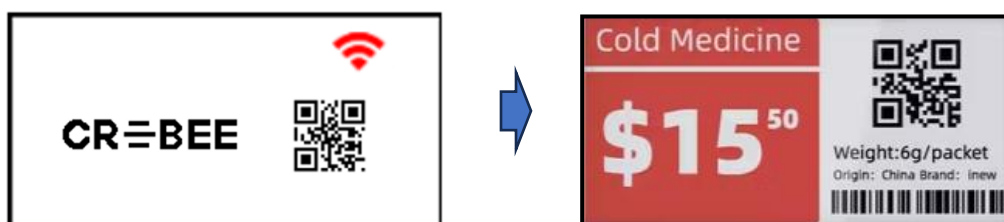
Action & Duration	Function
Press more 1 sec	Send a signal to connect to the Gateway

2) Operating state (Connected with GW)

Action & Duration	Function
Press less than 1 sec	Wake up and then perform the next action
Press for 1 sec to 10 sec	Flip the image
Press more than 10 sec	Go back to the Initial state

2.4 EPD Image Change

- 1) After the gateway receives information, the EPD image changes automatically



FCC Information

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 interface, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

IMPORTANT NOTE:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.