

Ithina Tote Tag

Ithina Tag Pick Model : ITP-31

Ithina Tote: One Tag. Three Jobs.

Guide workers and drivers, track assets and items in real time, and monitor temperature throughout the journey.

Powered by Wireless 2.4 GHz and real-time location tracking(RTLS) technology, the tag provides end-to-end visibility from picking and staging in the warehouse to transportation and final delivery with optional cold-chain temperature monitoring.

Response Time in just 2–3 Seconds with 3 ft. positioning accuracy



FEATURES

Wireless 2.4 GHz & Real-Time Location Tracking	Integrated LED for pick/drop confirmation
BLE-Based live positioning & NFC-Powered Validation	Reusable Across Transit Cycles
Fast Wireless Updates	Enterprise-Grade Security
Lightweight, Quick Attach/Detach	Optional Cold-Chain Temperature Logging
Cloud or On-Premise Deployment	1 Year of Battery Life



Active Intelligence for Physical Operations

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Response Time in Just 2–3 Seconds and 3ft. Positioning Accuracy

TECHNICAL DATA	VALUE
Dimensions (mm)	80.03 × 77.57 × 14.41
Dimensions (inch)	3.15 x 3.07 x 0.5
Operating Temperature (°C [°F])	0 to 40 [32 to 104]
ESL Operating Frequency (GHz)	2.4
Transmission Range (m)	100
Replaceable Batteries	Yes
Battery Qty/Size	3 x CR2450 (Li-MnO ₂)
Battery Lifetime	≥ 3 Years
Active NFC	Optional
LED	3,Red
LED Latency (sec)	≤ 3.0
Wireless FW Upgrade	Yes
Water Resistance	No
Cloud Enabled	Ithina CORE Platform can be provided on Prem or in the Cloud
Mountable Type	Velcro,mountable
Housing Color	RAL 9003
Weight (gram)	90
Weight (ounce)	2.65
Packaging Unit (# labels/box)	20
Compliance	FCC / IC / CE

Notes:

1. Battery life is stated for a well-managed RF environment and with up to 3 updates per day at room temperature

2. Batteries are field replaceable and can be procured from Ithina

3. Avoid direct exposure to sunlight or other IR/UV sources

4. Products may be affected if not operated or stored in accordance with Operational and Storage conditions

5. Long term product storage (more than 2 weeks) should be kept in compliance with specifications listed for the Operational Temperature and Relative Humidity range

6. Technical data is subject to change at Ithina’s discretion. Fixtures and fittings should not be designed based on this information.

A PERFORMANCE EDGE IN ANY ENVIRONMENT



TRANSPORTATION
AND LOGISTICS



MANUFACTURING



HEALTHCARE



HOSPITALITY



RETAIL



WAREHOUSING



FIELD SERVICE
AND UTILITIES



GOVERNMENT
AND PUBLIC
SAFETY

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