信达物联
XINDECO XINDECO IOT

VersaMini M800

Overview

Chip
Impinj M830/M850

EPC
128bits/96bits

USER
0bits/32bits

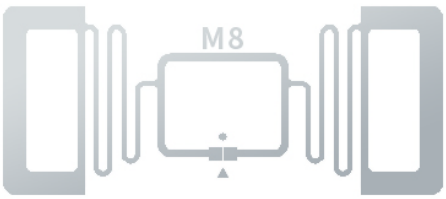
Antenna Dimensions
38 x 18 mm/1.496 x 0.709 in

Frequency Band
UHF 902 - 928 MHz

International Standard
ISO 18000-63 TYPE C

Industry Segments
Retail

Applications
Store inventory



VersaMini Retail Tag

The VersaMini Retail Tag features the Impinj M800 series chip, offering exceptional receive sensitivity (-25.5 dB) and a broad auto-tuning frequency range. Its ultra-wideband tag antenna design and full-width antenna processing enhance identification range on various liquid surfaces, achieving over 5 meters on non-liquid or liquid-free surfaces (such as plastics, glass, clothing, and paper). The "cutting performance retention" antenna design technology allows the same inlay to be adapted for labels ranging from 33mm to 38mm in length and 13mm to 18mm in width.

The VersaMini Retail Tag meets comprehensive RFID tag requirements in challenging retail environments: its compact size ensures minimal impact on product appearance; it is versatile for application on non-metallic packaging across categories such as apparel, cosmetics, toys, and daily chemicals; and it supports efficient inventory management with RFID handheld readers for liquid-containing products.

It can not only be used as a normal label or liquid label, but also can be made into a flag suitable for metal packaging and a hanging label on jewelry through a deformed packaging design.

Address

CHINA: Building No. 6, Xindeco Industrial Park, No. 2-16 Hongxi South Road,Xiangan District, Xiamen, 361101

MALAYSIA: Lot 28, Jalan Permata 1/1, Arab Malaysia Industrial Park, 71800 Nilai, Negeri Sembilan

Contact

Email | sales@xindecoiot.com
Web | www.xindecoiot.com

NXP GOLD PARTNER IMPINJ GOLD PARTNER RAIN RFID

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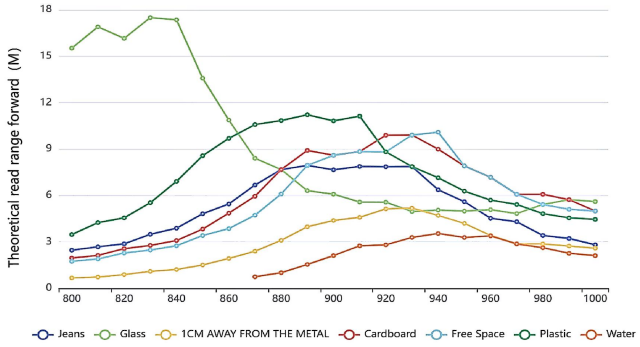
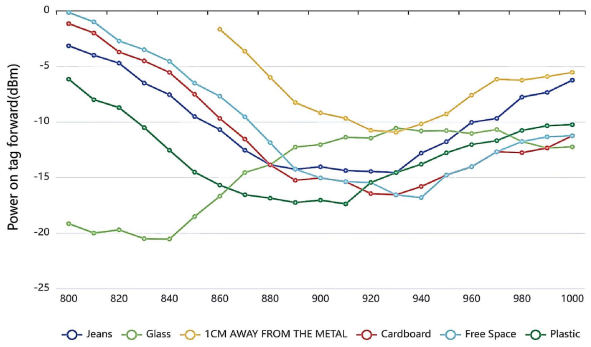
Technical features

	Dry	Wet	Paper-face
Product Code	CTU45501-519	CTU45501-519W	CTU45501-519L
Antenna Size	38×18 mm 1.496 x 0.709 in	35×15 mm 1.378 x 0.59 in	35×15 mm 1.378 x 0.59 in
Finish Size	- -	- -	35×15 mm (Antenna cutted) 1.378 x 0.59 in
Web Width	40 ± 1 mm 1.5748 ± 0.004 in	40 ± 1 mm 1.5748 ± 0.04 in	40 ± 1 mm 1.5748 ± 0.04 in
Pitch	22.225 mm 0.591 ± 0.01 in	22.225 mm 0.591 ± 0.01 in	22.225 mm 0.591 ± 0.01 in
Antenna Material	Aluminium	Aluminium	Aluminium
Front Face	-	PET Clear/PET White/Paper	Paper
Inlay Substrate	PET Clear/PET White/Paper	PET Clear/PET White/Paper	PET Clear/Paper
Inlay Adhesive	-	permanent	permanent
Liner	-	Paper	Paper
Operating Temperrature	-20℃/50℃	-4°F/+122°F @20% to 80% RH	-20℃/50℃	-4°F/+122°F @20% to 80% RH	-20℃/50℃	-4°F/+122°F @20% to 80% RH
Shelf Life Time	1 years @+25℃/40%RH	1 years @+25℃/40%RH	1 years @+25℃/40%RH
Final Insperction	100% tested	100% tested	100% tested



Read Range



Sensitivity Results

This product should be tested by the customer / user thoroughly to ensure conformity to any particular requirements. We do not represent that this product is fit for any particular purpose or use.

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1.7m	1.4m	1.3m	1.3m	1.3m	4.0m	4.5m	4.5m
3.0m	1.6m	2.5m	1.3m	3.0m	5.0m	3.8m	2.9m

VersaMini recognition distance after being applied to the surface of a wide range of liquid products(tested on a C72 Handheld RFID Reader)

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