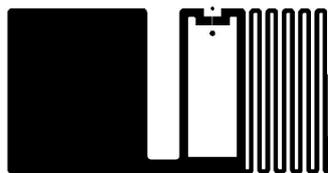


Overview

Frequency Band

860MHz-960MHz



Chip

NXP UCODE8

This RFID flag is designed specifically for retail and asset management, with excellent long-range recognition performance. Its unique flag shaped design is easy to hang and identify, suitable for scenarios such as clothing tags and warehouse shelves.

Antenna Dimensions

20x40mm/0.787x1.575inch

The NXP UCODE 8 chip provides -23dBm ultra-high sensitivity and 128 bit EPC , with fast data exchange and dense tag group reading capabilities, perfectly adapting to the intelligent needs of modern logistics systems.

International Standard

ISO/IEC 18000-63 Type C

Applications

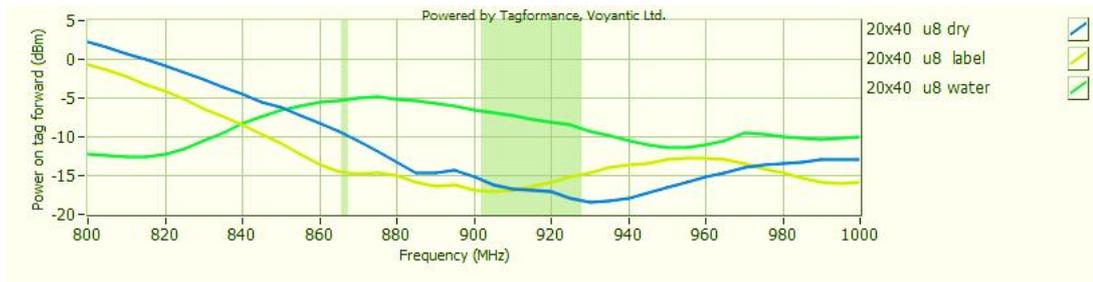
Retail

OSRFID has an in-house R&D team well equipped with state of art Lab equipment which can customize a suitable label for your real-world applications.

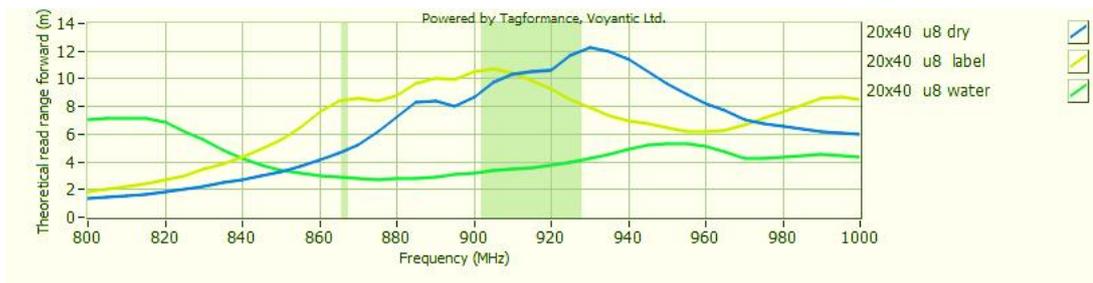
Technical Features

Model	OS31173	OS331244
Delivery Format	Dry Inlay	Label
EPC Memory	128Bits	128Bits
User Memory	0Bits	0Bits
Die-cut Dimension	-	30*55mm
Inlay Substrate	50um PET	50um PET
Standard Pitch	33.3375mm	33.3375mm
Web Width	63mm	65mm
Core Size	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000 ± 300Pcs/Reel	2000 ± 2Pcs/Reel
Operating Temperature	-20℃ to +50℃ (20% to 80%RH)	
Remarks	Other size and chip can be customized.	

Sensitivity



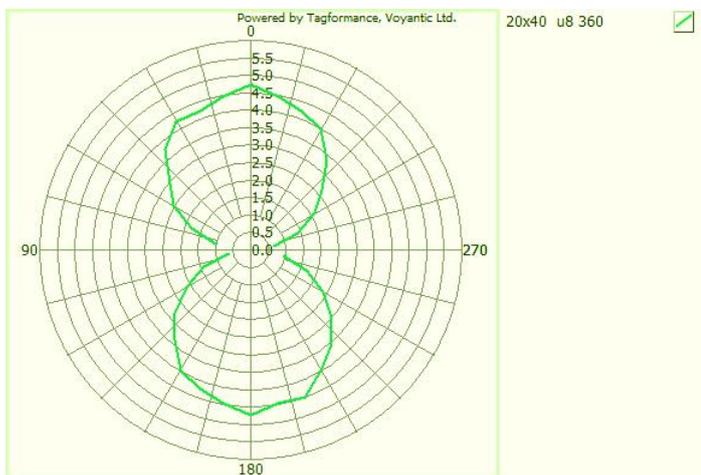
Read Range



Sensitivity&Read Rang Test power: 4W EIRP

For countries that allow 2W ERP, please reduce the result by 11%

Orientation sensitivity



All graphs are indicative: performance in real life applications may vary.