

NXP UCODE®8 RFID

Cable Tie Tag

AZCT-U8-AN-10330



1. Product Overview

This NXP UCODE®8 RFID Cable Tie Tag combines efficient RFID technology with UV protection, demonstrating its excellent performance in outdoor environment applications. Its unique anti-UV design ensures that the label can maintain stable identification capabilities under long-term sunlight exposure, while the built-in advanced chip ensures the accuracy and speed of data transmission. Whether used for logistics tracking, outdoor asset management or other applications requiring long-term exposure to sunlight, this tag provides a long-lasting, reliable solution.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZCT-U8-AN-10330
Material	ABS and Nylon
Tag Size(L*W,mm)	103x30
Cable Tie Length(mm)	400
Tag Type	Disposable
Color	Yellow Tag with Black Tie

2.2 Technical Parameters

Communication Protocol	ISO/IEC 18000-6C, EPC Global Gen2v2
Operating Frequency	UHF 860-960 MHz
Read Range	Up to 8 m



Key Features

Frequency Band UHF 860-960 MHz
Chip NXP UCODE®8
International Standard ISO/IEC 18000-6C and EPC Global Gen 2V2
EPC Memory 128 Bits
Read Range Up to 8 m
Characteristics UV protection, suitable for outdoor use

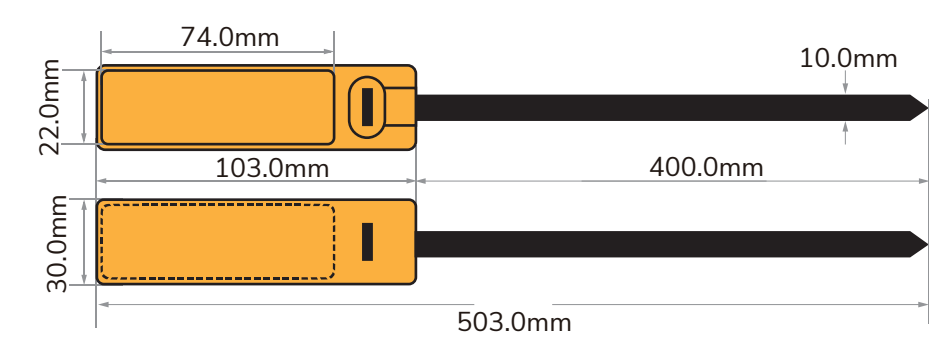
2.3 Chip Characteristics

Chip Manufacturer	NXP
Chip Type	UCODE®8
Write Endurance	100,000 times
Data Retention	20 years
EPC Memory	128 Bits
User Memory	0 Bits
TID Memory	96 Bits
Read Sensitivity	-23dBm
Write Sensitivity	-18dBm
Unique Serial Number	48 bits encoded into TID
Kill Password Memory	32 bits
Memory Safeguard	Yes
Product Status Flag bit	Yes
Brand Identifier	Yes

2.4 Additional Information

Operating Environment	-25℃~+60℃
Application	Logistics tracking, outdoor asset management or other applications requiring exposure to sunlight

3. Size and Specification Drawing:



<https://www.rfidtag.com>

E-mail : sales@rfidtag.com Phone Number: +86-131-3958-0585
Singapore Office : 10 Science Park Road #03-17A, The Alpha, Singapore Science Park, Singapore 117684
Shenzhen Office : 33-408, Qianhai SZ-HK Fund Town, Nanshan, Shenzhen, China 518052
Shenzhen Factory : Q5, XingDao Industrial Park, LongGang, Bantian, Shenzhen China 518129