

NXP UCODE®9 RFID Cable Tie Tag

AZCT-U9-AN



1. Product Overview

NXP UCODE®9 RFID cable tie tag promises superior read ranges, rapid inventory speeds, and robust data security, making it ideal for diverse applications from logistics to asset tracking.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZCT-U9-AN			
Material	ABS and Nylon			
Model No.	AN-6824	AN-6826	AN-5028	AN-1912
Tag Size(L*W,mm)	68x24	68x26	50x28	19x12
Cable Tie Length(mm)	292	290	297	153
Tag Type	Disposable	Reusable	Disposable	Disposable
Weight	7 g	7.5 g	6.5 g	1 g
Color	Red / Yellow / Blue / Black / White			

2.2 Technical Parameters

Communication Protocol	ISO/IEC 18000-6C, EPC Global Gen2V2.1
Operating Frequency	UHF 860-960 MHz
Read Range	2~8 m



Key Features

Frequency Band
UHF 860-960 MHz

Chip
NXP UCODE®9

International Standard
ISO/IEC 18000-6C and EPC Global Gen2V2.1

EPC Memory
96 Bits

Read Range
Up to 8 m

2.3 Chip Characteristics

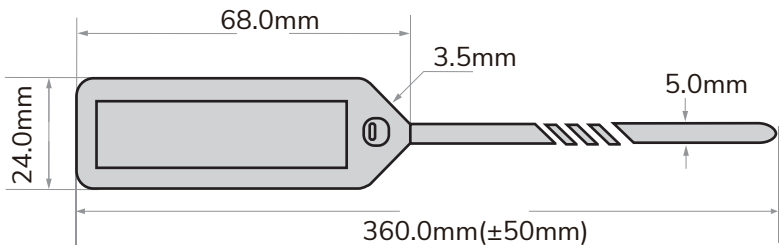
Chip Manufacturer	NXP®
Chip Type	NXP UCODE®9
Write Endurance	100 000 times
Data Retention	20 years
EPC Memory	96 Bits
User Memory	0 Bits
TID Memory	96 Bits
Read Sensitivity	-24 dBm
Write Sensitivity	-22 dBm
Memory Safeguard	Support
Block Write(32-bit)	Support
Permalock	One-time lock

2.4 Additional Information

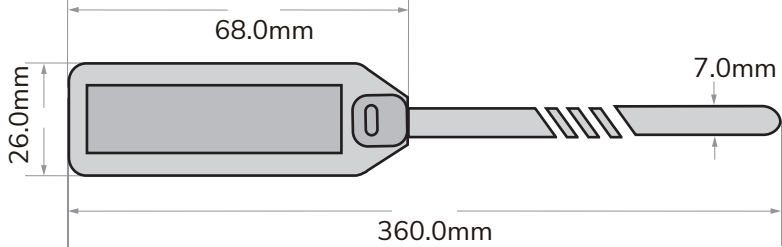
Operating Environment	-40℃~+85℃	-35℃~+85℃	-40℃~+85℃	-40℃~+85℃
Application	Logistic tracking, asset tracking, etc			

3. Size and Specification Drawing:

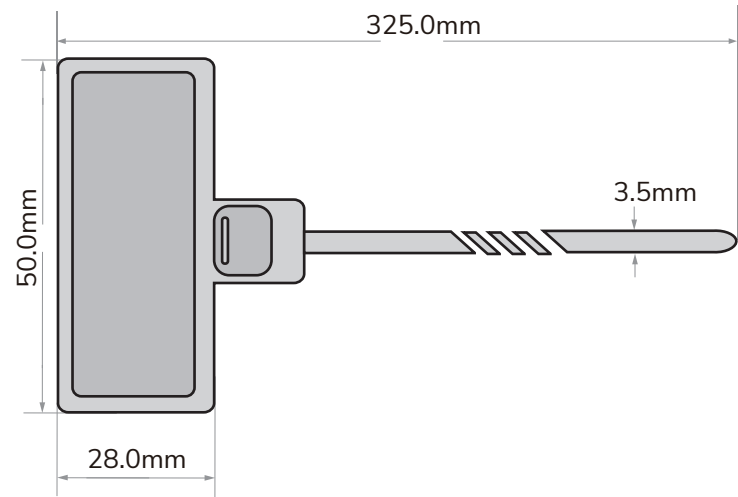
(1) Model No. AN-6824 (Disposable)



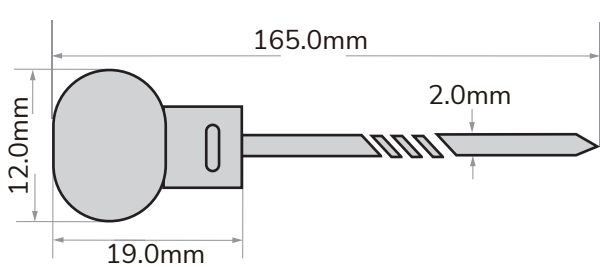
(2) Model No. AN-6826 (Reusable)



(3) Model No. AN-5028 (Disposable)



(4) Model No. AN-1912 (Disposable)



<https://www.rfidtag.com>

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