NXP UCODE®8 RFID Cable Tie Tag

UHF **EPC Global GEN2V2** **ISO/IEC 18000-6c**
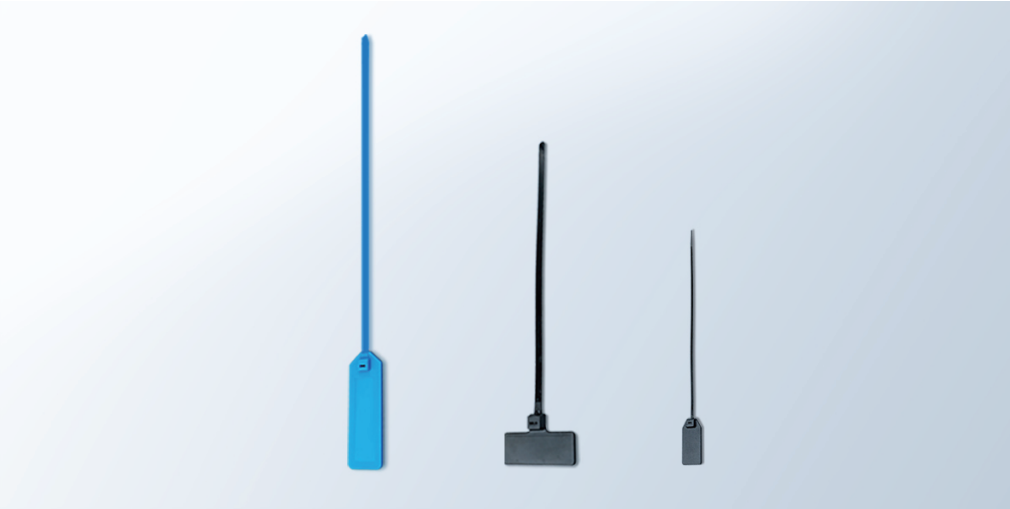
Key Features

Frequency Band
UHF 860-960 MHz

Chip
NXP UCODE®8

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

EPC Memory
128 Bits

Read Range
Up to 8 m

1.   Product Overview

RFID cable ties are cable ties with RFID tags built in. Embed RFID chips inside cable ties for managing corporate assets, industrial equipment, retail merchandise, etc. The data inside the chip is detected by an RFID reader and transmitted to the system to control the information you need.

2.   Product Parameters

2.1 Physical Characteristics

SKU	AZCT-U8-AN		
Material	ABS and Nylon		
Model No.	AN-8828	AN-7530	AN-4018
Tag Size(L*W,mm)	88x28	75x30	40x18
Cable Tie Length(mm)	292	255	195
Tag Type	Disposable	Reusable	Disposable
Weight	9 g	11 g	6 g
Color	Red / Yellow / Blue / Black / White		

2.2 Technical Parameters

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

RFID Tag

2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	NXP 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	-23 dBm
Write Sensitivity	-18 dBm
Unique Serial Number [byte]	48 bits encoded into TID
Kill Password Memory	32 bits
Memory Safeguard	Yes

2.4 Additional Information
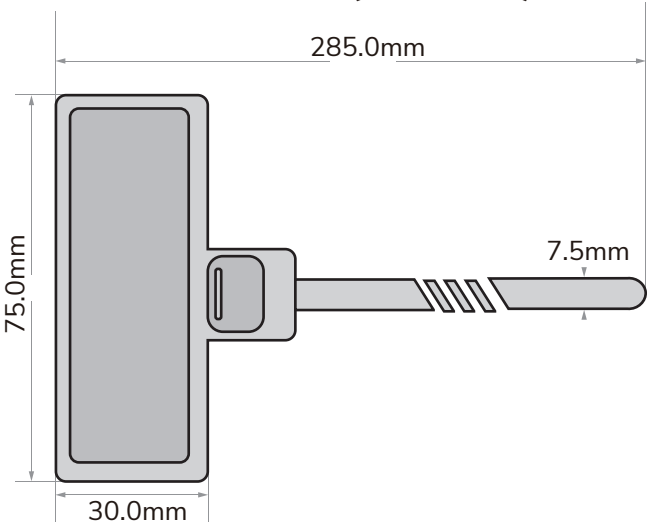
Operating Environment	-40℃~+85℃	-40℃~+85℃	-35℃~+85℃
Application	For managing corporate assets, industrial equipment, retail merchandise, etc.		

3. Size and Specification Drawing:
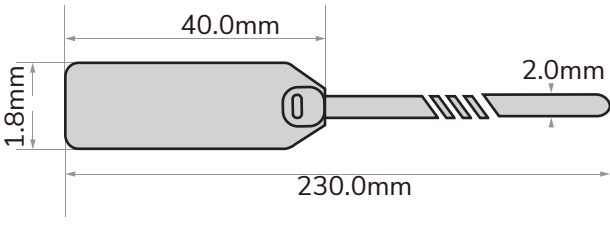
(1) Model No. AN-8828 (Disposable)
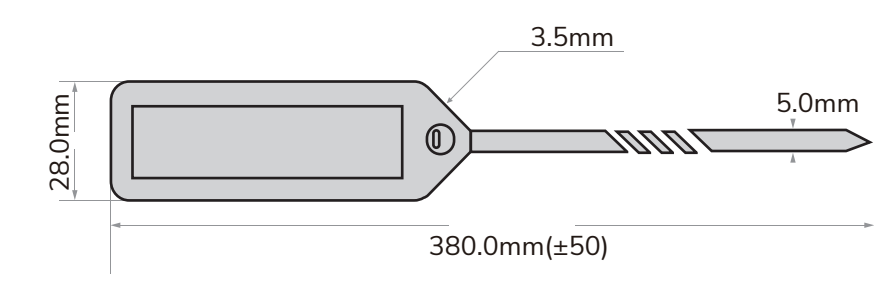
(2) Model No. AN-7530 (Reusable)

(3) Model No. AN-4018 (Disposable)