

NXP NTAG®216

NFC PET Tag with Adhesive

AZT-N216-PET3M-5030



Key Features

Operating Frequency
HF 13.56 MHz

Chip Type
NXP NTAG®216

International Standard
ISO/IEC 14443-A, ISO/IEC 14443-3,
NFC Forum Type 2

EEPROM
924 bytes

Compliance
WEEE Directive

1. Product Overview

The NXP NTAG®216 NFC PET Tag with Adhesive is a high-performance contactless tag designed for smart labeling, asset tracking, and consumer engagement applications. Built on NXP's NTAG®216 chip, it offers 888 bytes of user memory, fast data communication, and compatibility with all NFC-enabled smartphones and ISO/IEC 14443-A readers. The PET substrate ensures excellent durability and flexibility, while the adhesive backing allows easy application to a wide range of surfaces. With features such as unique 7-byte UID, password protection, and high read reliability, this tag provides a secure and efficient NFC solution ideal for product authentication, interactive marketing, and supply chain visibility.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZT-N216-PET3M-5030
Material	PET & 3M Adhesive
Dimension (Diameter × Thickness)	50×30×0.73 mm
Specification	White card Matte Finish Lamination
Mounting Method	Stick
Compliance	WEEE Directive



2.2 Technical Parameters

Operating Frequency	13.56 MHz
Communication Protocol	ISO/IEC 14443-A, ISO/IEC 14443-3, NFC Forum Type 2
Data Transfer	106 kbit/s
Operating Distance	Up to 100mm
Input Capacitance	50 pF

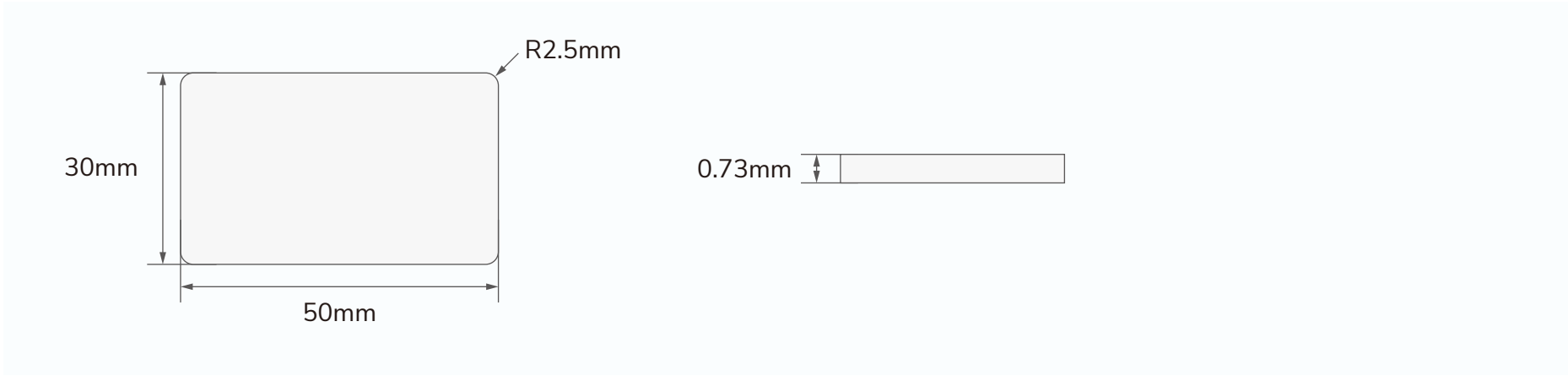
2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	NTAG®216
EEPROM	924 bytes
Serial Number	7 bytes
Initialized Capability Container	4 bytes
User Read/Write Area	888 bytes
Memory Access Protection	32-bit password
Originality Signature	ECC-based
Write Endurance	100,000 times
Data Retention	10 years
Anti-Collision	Support

2.4 Additional Information

Storage Environment	+18°C~+28°C, 20%~90% RH
Application	Smart advertisement, Product authentication, Mobile companion tags, Electronic shelf labels, Social Engagement, Supply chain visibility

3. Dimensions



<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