

MIFARE Ultralight® EV1 RFID Silicone Wristband

AZ-ULT EV1-SW



Key Features

Operating Frequency	HF 13.56MHz
Chip Type	NXP® MIFARE Ultralight® EV1
International Standard	ISO/IEC 14443-A
User Memory	48 bytes
Compliance	WEEE directive
Operating Environment	-30°C to +220°C

1. Product Overview

The MIFARE Ultralight® EV1 RFID silicone wristband is a groundbreaking product that effortlessly combines intelligence, security, convenience, and reliability. Designed to support contactless data transmission, it boasts anti-collision and multi-layer security features. Its versatility makes it ideal for a wide range of applications including public transportation, event ticketing, membership, and more.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZ-ULT EV1-SW
Material	Silicone
Characteristics	Waterproof, high temperature resistant
Specification	Adjustable: SW05, SW06, SW07, SW09, SW10-1C, SW10-2C, SW11-1C, SW11-2C Non-adjustable: SW01/SW02, SW03, SW04, SW08

* Detailed specification of each model will be specified in the attached leaflet



2.2 Technical Parameters

Operating Frequency	13.56MHz
Communication Protocol	ISO/IEC 14443-A
Communication Rate	106 kbit/s
Operating Distance	Up to 10cm
ECC	Support originality signature
Typical Ticketing Transaction	< 35 ms
Fast Counter Transaction	< 10 ms

2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	MIFARE Ultralight® EV1
Data Retention Time	10 years
Write Endurance	100,000 times
User Memory	48 bytes
Anti-collision	Support
OTP Area	32 bit
Counter	3 x 24 bit
Access Protection	32-bit password + password acknowledge

2.4 Additional Information

Operating Environment	-30°C to 220°C
Application	Public transportation Event ticketing Membership



<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