



NXP® MIFARE Classic® EV 1 4K RFID Silicone Wristband



SKU:	RS-S70-SW
Chip Type:	NXP® MIFARE Classic® EV1 4K
Frequency:	HF 13.56 MHz
Read Range:	Up to 10 cm (depending on antenna geometry and reader configuration)
EEPROM:	500 bytes
UID Identifier:	7 bytes
NUID Identifier:	4 bytes
Protocol:	ISO/IEC 14443-A
Industry:	Events, Healthcare
Applications:	Access Control, Social Engagement, Membership Management

The MIFARE Classic® EV1 4K Wristband (S70) is a versatile and secure RFID wearable designed for seamless access control and cashless transactions in hospitality, fitness, and entertainment venues. Powered by NXP® MIFARE Classic® EV1 4K chip, it offers enhanced memory capacity, fast data processing, and reliable performance for both short-range identification and multi-application environments.

Crafted from durable, waterproof, and skin-friendly silicone, this RFID wristband ensures long-term comfort and functionality in active settings. Ideal for theme parks, gyms, resorts, and events, it supports efficient guest management and smooth entry experiences while promoting a modern, contactless lifestyle. With its robust security and reusability, the MIFARE Classic® EV1 4K Wristband is a smart solution for any organization embracing digital convenience and engagement.

Physical Information	Material	Silicone
	Characteristics	Waterproof, high temperature resistant
	Specification	Adjustable: SW05, SW06, SW07, SW09, SW10-1C, SW10-2C, SW11-1C, SW11-2C Non-adjustable: SW01/02, SW03, SW04, SW08
	Operating Environment	-30°C~+220°C
	Storage Environment	+18°C~+28°C, 40%~60% RH

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A
	Communication Rate	106 kbit/s
	Transaction Time	< 100 ms (including backup management)
	Operating Distance	Up to 10 cm (depending on antenna geometry and reader configuration)
	Chip Type	NXP® MIFARE Classic® EV1 4K
	EEPROM	500 bytes
	Data Integrity	16-bit CRC
	Anti-collision	Support
	Random ID Support	7-byte UID
	NUID Identifier	4-byte
	Security Features	Mutual three pass authentication (ISO/IEC DIS 9798-2)

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

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
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