



EM4200 RFID Silicone Wristband

SKU:	RS-EM4200-SW
Chip Type:	EM Microelectronic® EM4200
Frequency:	LF 100-150 KHz
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 11784, ISO/IEC 11785
ROM:	128 bits (64/96 bits option available)
R/W Availability:	Read Only
Industry:	Events, Healthcare
Applications:	Access Control, Social Engagement, Membership Management

The LF RFID Silicone Wristband EM4200 pairs a flexible, watch-style band with the proven EM4200 chip to deliver dependable low-frequency RFID performance. Crafted from skin-friendly silicone, it's comfortable for all-day wear and engineered for durability with strong waterproofing and shock resistance.

Designed for high-throughput use cases, it enables secure access control and smooth operations across event ticketing, gym memberships, amusement parks, and crowd management—providing fast, reliable, and contactless identification.

Physical Information	Material	Silicone
	Characteristics	Waterproof, high temperature resistant
	Specification	Adjustable: SW05, SW06, SW07, SW9C, 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	100-150 KHz
	Communication Protocol	ISO/IEC 11784, ISO/IEC 11785
	Read Range	Up to 10 cm
	R/W Availability	Read Only
	Chip Type	EM Microelectronic® EM4200
	User Memory	224 bits
	ROM	128 bits (64/96 bits option available)
	Chip Compatibility	Compatible with EM4100/4102 and EM4005/4105 communication protocols

* 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.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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