



RFID FABRIC WRISTBAND DATASHEET

MIFARE Ultralight RFID Event Management Wristband

Cryptographic single-event authentication for festivals and exhibitions

Ultralight EV1 / C · Cryptographic · PCI-compatible · Cashless wallet

OVERVIEW

About this product

At RFID-enabled events like concerts, music festivals, exhibitions, meetings, and wedding parties, crowd-scale registration, entry, and on-site payment are difficult to manage with traditional paper forms, manual check-in, and cash handling — all are slow and create long queues. RFIDAK fabric wristbands with MIFARE Ultralight chips bring a fresh approach to event management. Among various wristband materials, fabric wristbands are the most popular and well-liked by young attendees — they look like merchandise, not credentials, and most attendees keep them after the event.

KEY FEATURES

Why choose this format

- MIFARE Ultralight EV1 / Ultralight C chip with cryptographic authentication
- Tamper-evident plastic NFC card welded to band end
- Supports cashless wallet, access control, and analytics in one credential
- Eco-friendly polyester fabric band with custom dye-sublimation print
- Compatible with all major event-management platforms (Intellitix, GlowNet, Tappit)
- Comfortable multi-day wear, weather-resistant, attendee-keepable

SPECIFICATIONS

Technical reference

Product Name	MIFARE Ultralight RFID Event Management Wristband
Chip	MIFARE Ultralight EV1 / Ultralight C (cryptographic)
Memory	48 bytes user (Ultralight) / 192 bytes user (Ultralight C)
Authentication	3DES (Ultralight C) for paid-event security
Frequency	13.56 MHz (HF)
Standards	ISO/IEC 14443A Type 2
Band Material	Eco-friendly polyester (woven) with dye-sublimation print
Band Dimensions	350 × 15 mm (or customized)
Closure	Plastic one-time-use slider (tamper-evident)
Chip Card Crafts	Matt finish, QR code, laser UID, CMYK 4-color print, epoxy layer
Band Print Methods	Thermal dye-sublimation (full-color, both sides) OR woven (single-side simple design)
Read Range	2–5 cm typical, up to 60 mm with high-power readers
MOQ	500 pieces (stock), 2,000 pieces (custom)
Lead Time	15–25 business days

APPLICATIONS

Where this fits

- Multi-day music festival cashless payment + access control
- B2B trade show attendee tracking and lead capture
- Exhibition sponsor brand activation and VIP zones
- Wedding and private event attendee data collection
- Concert series multi-day premium passes
- Festival analytics: dwell time, drink purchase, zone heatmap



CUSTOM ARTWORK SAMPLES

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