

# MID RFID Badge

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### Description

When your system requires participant identification or authentication, your setup will consist of units equipped with an RFID badge reader. The use of these badge readers enables participant identification, authentication, credential based rights management, free seating meeting mode, automatic nameplate population and metadata generation.

The MID RFID Badge is a blanc badge that combines MIFARE Classic or MIFARE DESFire EV1 contactless smart card technologies for credential-based applications.

### Benefits

- » Fast processing and data communication
- » High security: mutual authentication, data encryption and unique 32-bit serial number
- » Thin design that can be carried with credit cards
- » Strong, flexible and resistant to damage
- » Customizable card suited for sublimation printing

### Specifications

Mechanical	
Size (mm)	54.0 × 85.7 × (0.87±0.05) (2.125" × 3.375" × 0.034" ± 0.002")
Weight	6 g
Material and Finish	Gloss white/white PVC
Technical	
Typical Maximum Read Range	Up to 10 cm (4")
RF Interface	ISO 14443 A, Parts 1-3
Transaction Time	< 100 ms
Baud Rate	106 kbps
Memory Type	EEPROM, 1Kbyte (8,192 bits)
Multi-Application Memory	Memory arranged in 16 64-byte Sectors
Write Endurance	100 000 cycles min.
Data Retention	Minimum 10 years

## Operating Conditions

Operating Temperature	-40° to 50° C / -40° to +122° F
Operating Humidity	5%-95% Non-condensing
Operating Frequency	13.56 MHz