

Syndicate RFID offers a range of innovative & high quality contactless ticketing solutions for public transport, access control & parking applications offering users benefits of faster transactions, multiple payment options, enhanced security against fraud and operational efficiency; all leading to cost reduction and increased revenue.

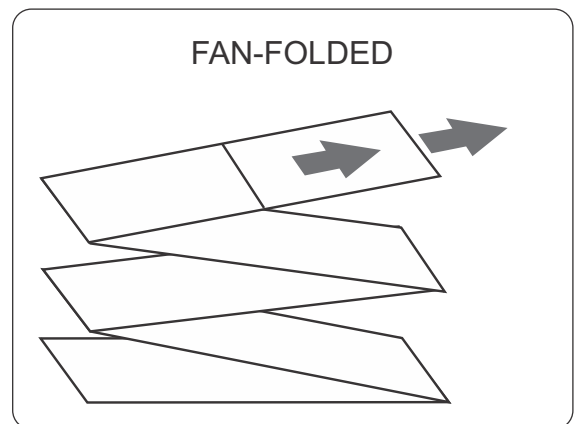
Tickets can be supplied in fan-folded or reel format for Automatic fare collection and ticket vending machines & in booklet form or cut singles for manual issuing. A wide range of Thermal and non-thermal Paper & PET materials can be chosen depending on the ticket life cycle. We also offer ticket personalization options such as:

- 4c artwork on the tickets
- Write and/or read protection
- Printing of the IC UID number
- Encoding of the IC
- ISO or custom sizes as per system integrators specification.

**TYPICAL APPLICATIONS**

- Parking
- Transit
- Ski Passes/ Event Ticketing/ Hotel Badges etc.
- Identification Cards

PHYSICAL SPECIFICATION	
Face Stock	Non-thermal Paper
Label Sizes	85.72 x 53.98 mm /3.37 x 2.12 in Special sizes on request
Weight	1.9 gm
Delivery format	Reel form, Fan-folded, Single cut
No. of Labels/ Reel	500 pcs
Core inner diameter	76 mm / 3 in



## RF SPECIFICATION

Mode of Operation	Passive
Air interface protocol	ISO 14443A
Operational frequency	13.56 MHz
IC type*	Mifare UL EV1
Memory configuration	EEPROM -640 bits, organized in 20 pages of 4 byte per page -384 bit user memory, -32 bit OTP area
Data Retention	Up to 10 years

\*Other ICs available on request

## ENVIRONMENTAL RESISTANCE

Operating Temperature	-20°C to +70°C / -4°F to +158°F
Ideal Storage Condition	+23°C / 50% RH
Expected Lifetime	Designed for short term use

## PERSONALIZATION OPTIONS

### Customized Printing

- Customer specific layout including logo, text, numbers, barcodes etc.

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