

MF-01 MIFARE PROXIMITY CARDS

SYSTEM OVERVIEW

Mifare® Proximity Cards are particularly suitable for use as access control, catering transaction, student ID, cyber café, attendance management etc. It can be available in blank or in print.

Mifare® technology assures high security and provide contactless access control up to a read range of 10 cm. We offer a choice of 1K and 4K Mifare® Cards to meet your different memory requirement.



Technical Specification

		MODEL	
		MF – 01	MF – 02
		Mifare 1 Standard 1K S50	Mifare 1 Standard 4K S70
Card Dimensions		85 x 54 x 0.8mm	85 x 54 x 0.8mm
Memory	EEPROM size	1024 byte	4096 byte
	Write Endurance	100 000 cycles	100 000 cycles
	Data Retention	10 years	10 years
	Organization	16 sectors at 64 byte each	16 sectors at 64 byte each and 8 sectors at 256 byte each
RF Interface	According to 14443A	Yes – up to layer 3	Yes – up to layer 3
	Frequency	13.56MHz	13.56MHz
	Baud Rate	106kbit	106kbit
	Operating Distance	Up to 10cm	Up to 10cm
Security	Unique Serial Number	4 byte	4 byte
	Random Number Generator	Yes	Yes
	Access Keys	2 keys per sector	2 keys per sector
	Access Conditions	Per sector	Per sector
	Mifare® Classic Security	supported	supported
Special Interface	Purse Functionality	Value block format	Value block format
	Secure Transport Transaction	512 byte read	512 byte read
		16 byte write	128 byte write
	Transaction Time [ms]	164	140

For more information,

<https://honeywellbuildings.in>

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