



BioPoly™ Stone Generic Hotel Key Card



SKU:	RS-S50-BPS-8654
Chip Type:	NXP® MIFARE Classic® EV1 1K
Frequency:	HF 13.56 MHz
UID Memory:	7 bytes
Protocol:	ISO/IEC 14443-A
EEPROM:	1024 bytes
Industry:	Access Control, Events
Applications:	Public Transport, Hospitality, Electronic Toll Collection, Internet Cafés, Loyalty, Car Parking, Access Management

The BioPoly™ Stone Generic Hotel Key Card with NXP® MIFARE Classic® EV1 1K offers a versatile contactless solution for secure multi-card operation in hotel and enterprise access applications. Designed to comply with ISO/IEC 14443-A, these cards combine reliable communication with advanced security features. Intelligent anticollision functionality allows several cards to coexist in the reader field, while manufacturer-programmed 7 byte UID or 4 byte NUID identifiers, random ID support, and sector-specific dual keys provide robust protection against cloning and unauthorized access.

With an operating distance up to 10 cm, 13.56 MHz frequency, and 106 kbit/s data transfer rate, transactions are fast and efficient, typically completed within 100 ms. The 1 kB memory is segmented into 16 sectors, each with flexible access control, and built-in integrity checks such as 16 bit CRC and parity ensure reliable data management. Additional features like NXP® Originality Check and long data retention make these cards ideal for hotel key, loyalty, and secure access applications.

Physical Information	Material	BioPoly™ Stone
	Card Size	86×54×0.65 mm
	Operating Environment	-40°C~+100°C, 20%~90% RH
	Storage Environment	-25°C~+90°C, 20%~90% RH
	Care Tips	1. Avoid excessive bending 2. Keep away from water 3. Store in cool and dry place
	Cleaning Tips	1. Use a soft, dry cloth 2. Avoid harsh chemicals or abrasive cleaners 3. Remove stains immediately

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A
	Chip Type	NXP® MIFARE Ultralight® EV1 1K
	Read Range	Up to 10 cm
	UID Memory	7B UID/4B NUID
	EEPROM	1024 bytes
	Capacitance	16/50 pF
	Anti-Cloning	Support
	NXP Originality Check	Support
	Reading Rate	106 kbit/s
	Security Features	Random ID

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Quantity	200 pcs/case, G.W. : 1.4 kg
	Packing Method	1000 pcs or 2000 pcs/carton
	Carton Dimension	1000 pcs: 23×20×17 cm (G.W.: 7 KG); 2000 pcs: 48×23×14 cm (G.W.: 14 KG).

● **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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