

27 Series Combo Credentials

The IPIXA 27 Series covers the portfolio of readers and credentials for physical access control. The range is designed with the system integrator and end user's security requirements in mind, leaving out features and specifications that the end user don't need and might never use, thereby making them efficient and cost effective. 27 Series covers both RFID Card readers & credentials.

Combo Credentials provide long range UHF and Mifare DESFire EV3 - HF technologies on a single card enabling the user to use the same card for both parking & building access.

IPIXA combo cards can be field programmed with user defined keys thereby preventing card cloning. Smart Credentials provide the greatest level of security which makes the card suitable to be utilized for a variety of applications such as access control, car parking, contactless payment etc.

Features:

- **Open:** Smart Credentials are built on MIFARE DESFire Technology, which enables end users to seamlessly integrate any third party application in addition to access control.
- **Secure:** Built-in features include Mutual three-pass authentication, Anti-collision, and AES 128 Encryption.



UHF-Mifare Desfire EV3
Combo Credentials



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27 Series Combo Credentials

Part Number	MNXPUHF.2K	MNXPUHF.4K
Memory	2K (16k bit)	4K (32k bit)
Operating Frequency	UHF 868 MHz & 13.56 MHz for Mifare DESFire EV3	
RF Standard	ISO / IEC 18000-6C / 14443 Type A / EPC Gen2V2	
Typical Read Range	UHF - Upto 10 meter (Depending on Reader & Antenna Installation) HF - Up to 4 inch , 10 cm	
Transaction Time	< 100 ms	
Temperature	Up to 70 Degree Celcius	
Write Endurance	200,000 Cycles	
Data Retention	Min. 10 Years	
Programming	Factory or Field	
Printable	Yes	
Weight	6 g	
Anticollision	Yes	
Authentication	Mutual Three Pass Authentication (ISO / IES DIS 9798-2)	
Warranty	Lifetime - Refer T&C	
Card Surface	Card Material optimized for printing.	
Photo ID	Print direct to card using direct image or thermal transfer printer	
Encryption	<div style="display: flex; align-items: center; justify-content: center;"> ■ ————— MIFARE DESFIRE EV3 ————— ■ </div> <p style="text-align: center;">Mult-layered security and encoding that can be defined by the installer / end user</p>	
Maintenance	Passive (battery free), requires zero maintenance, IP68 rated design	



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