

Description:

DSPL RFID Hybrid Smart Card Model: DS-HYBRID is frequently used as personal identifiers in personnel management or access control systems. This is a version of the popular ISO format identity card equipped with a UHF+HF RFID transponder conforming to the EPC Global class 1 Gen 2 specifications. These cards offer worldwide operation in UHF 860-960 MHz + HF 13.56 MHz bands. UHF +HF cards are targeted for the e-identity market bringing a long- and short-range communication distance together with stringent durability criteria.

Features:

- Date Encoding
- UHF + HF read/write contactless smart card technology for long and short range, reliable communications with high data integrity.
- Based on EPC (Electronic Product Code) Radio Frequency Identity Protocols Class-1 Generation-2 UHF + HF RFID Protocol for Communications at 860-960 MHz + 13.56 MHz.
- Hologram / Laser Engraving.
- Signature Panel / Scratch Panel.



Technical Specifications:

Technology / Frequency	UHF +HF, 865-868 MHz +13.56 MHz
Protocol	EPC Class 1 Gen 2; ISO 18000-6C + ISO 15693 protocol compliant
Card Construction	Composite 40% Polyester / 60% PVC
Read Range mm	Up to 100m
Dimension	2.127" x 3.375" x 0.033" max. (5.40 x 8.57 x 0.084 cm)
Warranty	Two Years
Memory	Non-volatile memory (NVM), read/write
Card Marking	Laser engraving
Data Retention	100,000 cycles
Operating Temperature	-40° to 70°C
Programming Cycle	50 years

APPLICATION AREA

