

**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.

**RFID HYBRID SMART CARD**



**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:**

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

**PRODUCT USE IN THE SECTORS**



**LIBRARY**



**ACCESS CONTROL**



**CANTEEN MANAGEMENT**



**CLUB MANAGEMENT**

