

# ANNEX- 1

Card Printer	Qty: 1
Dual Side Printing	
Print Method: HDP® Dye-Sublimation / Resin Thermal Transfer	
Resolution: 600 dpi	
Print Speed: Up to 230 cards per hour (YMCK with transfer) / 16 seconds per card	
Memory: 1 GB RAM	
Accepted Card Sizes: CR-80	
Warranty: 2-3 years (printer)*; Lifetime (printhead)*	

### Printer Options:

- ✓ Dual-sided printing
- ✓ One patch Lamination Module
- ✓ Card flattener
- ✓ Magnetic stripe encoder
- ✓ Contact Smart Card encoder
- ✓ Contactless Smart Card encoding modules
- ✓ Dual input card hopper module
- ✓ 200-card input hopper module
- ✓ Physical locks for card hoppers and consumables access
- ✓ Secure proprietary consumables system
- ✓ Custom secure holographic overlamine
- ✓ Printer cleaning kit

## Smart card Spec

Qty: 1000

### Typical Maximum Read Range\*

MIFARE Classic: Up to 4" (10 cm)  
Prox: 2" - 4.5" (5.0 - 11.4 cm)

### Dimensions

2.125" x 3.375" x .03" (5.4 x 8.57 x 0.084 cm)

### Card Construction

Gloss white/white PVC or PVC/Polyester Composite

### Memory Type

EEPROM, 1Kbyte (8,192 bits) or 4 Kbytes (32,768 bits)

### Multi-Application Memory

MIFARE Classic 1K: memory arranged in 16 64-byte Sectors  
MIFARE Classic 4K: memory arranged in 40 Sectors: 32 sectors of 64 bytes, 8 sectors of 256 bytes

### Warranty

2 Years

