



## MiniSmart II

### Certified Contact Reader OEM Module.

EMV L1 & L2 certified for OEM integration. A compact form factor that adapts to a wide variety of space-limited applications.

## Key Features

- ✓ EMV L1 & L2 certified
- ✓ RS232, UART, & USB interfaces
- ✓ Supports remote key injection
- ✓ AES & TDES encryption
- ✓ Enables vending machines, ticketing kiosks & other self-service payment stations to accept EMV chip cards
- ✓ Compact form factor for space-limited applications

### Contact Us for More Information on our Payment Solutions

- (714) 761-6368  
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10721 Walker Street  
Cypress, CA USA 90630-4720
- ISO 9001 Certified  
ISO 14001 Certified



## Electrical

**ESD Immunity** 4 KV, human body model, ICC contacts

**ICC Interface** ISO/IEC 7816 - 1, 2, 3 & 4

**ICC Transmission** 9.6 Kbps to 115 Kbps

**Interface** RS232, USB-HID & UART

**Power Down** 100  $\mu$ A max in power down with no ICC

**Power Requirements** 4.5 VDC to 5.5 VDC, 32mA max with no iCC



## Environmental

**Humidity** Max 95% non-condensing

**Operating Temperature** 0°C to 55°C

**Storage Temperature** -30°C to 65°C

## Mechanical

**Card Seated Switch** ICC fully seated sensor

**Dimensions** 66 mm (L) x 33.2 mm (W) x 8 mm (D)

**ICC Types** Number of cards=1, asynchronous, T=0 & T=1 synchronus (memory) cards (contact factory)

**Media Thickness** 0.003 nominal (0.025 min/0.035 max)

**Operating Life** 500,000 cycles

### Corporate Headquarters

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