



MiniSmart II

ID TECH's latest EMV module, the MiniSmart II, carries on the tradition of its predecessor, the MiniSmart. Maintaining a compact form factor, along with the familiar supported interfaces of USB, UART, and RS232, the MiniSmart II allows for easy integration into today's payment applications requiring EMV acceptance. With EMV acceptance becoming an international payment standard, the MiniSmart II brings forth a small enough form factor to adapt into a wide variety of space-limited applications.

MiniSmart II

ELECTRICAL

Power Requirements:
Power Down:
ICC Interfaces (Compliance):
ICC Types:

4.5 VDC to 5.5 VDC, 32mA Max. w/no ICC
100 μ A max in power down w/no ICC
ISO/IEC 7816-1, 2, 3, & 4
Number of cards= 1, Asynchronous, T=0 & T=1
Synchronous (memory) cards (contact factory)
9.6 Kbps to 115 Kbps speeds
USB-HID, UART, RS232

ENVIRONMENTAL

Operating Temperature:
Storage Temperature:
Humidity:

0°C to 55°C (32°F to 131°F)
-30°C to 65°C (-22°F to 149°F)
Max 95% non-condensing

RELIABILITY

Operating Life:
MTBF:
ESD Immunity:
Warranty:

500,000 cycles minimum
300,000 Hours
4 KV, human body model, ICC contacts
One year, parts and labor

MECHANICAL

Dimension (L)x(W)x(H):

Media Thickness:
Card Seated Switch:

2.60 inches (66 mm) x 1.31 inches (33.2 mm) x
.32 inches (8mm)
0.03 Nominal (0.025min.; 0.035 inches max.)
ICC fully seated sensor

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