HID RFID Cards

Standard Features

HID RFID Cards
- Offer sufficient read/write memory to store multiple biometric templates
- Available in a 2 or 16 application area configuration
- Offer multiple, securely separated areas to enable numerous applications, including the HID standard access control application
- Future growth for new read/write applications
- ISO 15693 and 14443B2 standards for read/write contactless communication
- Cost-effective way to enhance the security of your access control installation
- Close range

HID RFID Readers

Standard Features

HID RFID Readers
- More powerful and versatile access control
- User-friendly proximity technology
- Uses the 13.56 MHz technology platform
- High-intensity, three-color light bar provides clear, visual feedback, even in direct sunlight
- Selectable, distinct tone sequences indicate status conditions
- All RF data transmission between the card and reader is encrypted using a secure algorithm
- Close range

Specifications

Typical Maximum Read Range*:
2.5 to 4.5 in (6.3 to 11.4 cm) with HID iCLASS® card
1.0 in (2.5 cm) with HID iCLASS key
1.0 in (2.5 cm) with HID iCLASS tag
1.5 to 2.0 in (3.8 to 5.0 cm) with HID iCLASS prox
1 to 2 in (2.5 to 5.0 cm) with MIFARE® card (serial number only)
*Using ISO 15693 mode (except MIFARE®). Dependent upon installation conditions. Please note that all iCLASS credentials are available in either a 2K bits (256 Bytes) or 16Kbits (2 KBytes) configuration.

Dimensions:
(L × W × H)
3.30 × 0.85 × 4.80 in
(84 × 22 × 122 mm)

Material:
UL94 polycarbonate

Power Supply:
10 to 16VDC reverse voltage protected
Linear supply recommended

Current Requirements (Avg/Peak):
80/260mA at 12VDC

Operating Temperature:
-31 °F to 150 °F (-35 °C to 65 °C)

Operating Humidity:
5 to 95% relative humidity non-condensing

Weight:
8.8 oz (249.5 g)

Transmit Frequency:
13.56 MHz

Cable Distance:
Wiegand interface: 500 ft (150 m)
Recommended cable is ALPHA 1295 (22AWG)
Five-conductor stranded with overall shield or equivalent. Additional conductors may be required to connect all outputs.

Pending Certifications:
Taiwan, Singapore, Germany VdS

Approvals:
UL 294/cUL
FCC Certification
Canada Certification
CE Mark (Europe)
New Zealand
Australia c-Tick

Part Number/Price

Part #	Description	Price
176452	HID smart card reader, includes Wiegand to RS232 converter and mounting hardware	Consult
88792	Power supply, IDEC 12VDC output, 85 VAC input, required for 176452 above	Consult
85902	iClass Smart Card pack 1 to 25 13.56 MHz	Consult
85903	iClass Smart Card pack 26 to 50 13.56 MHz	Consult
85904	iClass Smart Card pack 51 to 75 13.56 MHz	Consult
85905	iClass Smart Card pack 76 to 100 13.56 MHz	Consult
95358	Card, HID unprogrammed configured 256 byte no slot punch - MUST BE FACTORY PROGRAMMED	Consult
212168	Card, HID unprogrammed configured 256 byte vertical slot	Consult

Keyfob and disc tags optional—consult for price.

HID card (PN 212168)