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

Part Number/Price

Part #	Description	Price
176452	HID smart card reader	$550.00
88792	Power supply, IDEC 12VDC output, 85 VAC input, required for 176452 above	$130.00
85902	iClass Smart Card Pack 1-25 13.56 MHz	$145.00
85903	iClass Smart Card Pack 26-50 13.56 MHz	$145.00
85904	iClass Smart Card Pack 51-75 13.56 MHz	$145.00
85905	iClass Smart Card Pack 76-100 13.56 MHz	$145.00

Keyfob and disc tags optional—consult for price.

Specifications

Typical Maximum Read Range*:
2.5-4.5in (6.3-11.4cm) with HID iCLASS® card
1.0in (2.5cm) with HID iCLASS key
1.0in (2.5cm) with HID iCLASS tag
1.5-2.0in (3.8-5.0cm) with HID iCLASS prox
1-2in (2.5-5.0cm) 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:
(W x L x D) 3.30 x 4.80 x .85in
(8.38 x 12.19 x 2.16cm)

Material:
UL94 polycarbonate

Power Supply:
10-16VDC 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:
5-95% relative humidity non-condensing

Weight:
8.8oz (249.5g)

Transmit Frequency:
13.56MHz

Cable Distance:
Wiegand interface-500 feet (150m)
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