

HID Long Range Readers



Specifications

Dimensions:

9.1 in x 9.1 in x 2.75 in (23.1 cm x 23.1 cm x 7.0 cm)

Color:

Black

Housing Material:

UL94 Polycarbonate

Mounting:

Drill mounting box to meet application. Drill points provided for US and EU wall boxes and 75 mm, 100 mm, and 200 mm VESA mounts

Storage Temperature:

-67° F to 185° F (-55° C to 85° C)

Operating Temperature:

-30° F to 150° F (-35° C to 65° C)

Operating Humidity:

5% to 95% relative humidity non-condensing

Rating:

IP65

Approvals:

UL 294/cUL, CB Scheme, FCC Certification, IC (Canada), CE (Europe), IFETEL (Mexico)

Standard Features

- Discreet hands-free authentication solution for long range parking and gate control
- Discreet hands-free authentication solution for long range truck identification
- IP65 rating allows outdoor mounting
- Supports Wiegand standards
- Requires Wiegand converter, consult with a sales engineer with application specifics

Part Number/Price

Part#	Description	Price
184458	Reader, Long Range HID	\$1,595.00
184459	UHF Credentials (Factory programming required)	\$14.00
184466	Windshield Mount	\$10.00

Specifications

Typical Maximum Read Range*:

- 2.5-4.5 in (6.3-11.4 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
- 1.5-2.0 in (3.8-5.0 cm) with HID iCLASS prox
- 1-2 in (2.5-5.0 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:

(W x L x D) 3.30 x 4.80 x .85 in
(8.38 x 12.19 x 2.16 cm)

Material:

UL94 polycarbonate

Power Supply:

10-16VDC reverse voltage protected
Linear supply recommended

Current Requirements (Avg/Peak):

80/260 mA at 12VDC

Operating Temperature:

-31 to 150°F (-35 to 65°C)

Operating Humidity:

5-95% relative humidity non-condensing

Weight:

8.8 oz (249.5 g)

Transmit Frequency:

13.56 MHz

Cable Distance:

Wiegand interface-500 feet (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



Standard Features

- 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	\$515.00
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.