

# Indala Standard Card Readers

Classic, Mullion (Slim), Wallswitch

- ▶ **Indala FlexSecur® Technology for the Industry's Most Secure Proximity Readers** - Exclusive Indala FlexSecur® Password-Protected Security between card and reader screens out unauthorized cards prior to sending access control data to the host system.
- ▶ **Superior Format Control for the Most Application Choices** - Indala offers card formats of up to 172 bits, and readers configurable for Wiegand, Magstripe, and Serial output formats.
- ▶ **The Standard Series Readers Are Part of an Expansive Product Portfolio That Meets Every Proximity Reader Requirement** – The HID Indala Proximity portfolio includes classic, mullion/slim, wallswitch, mid-range, long-range, and heavy-duty keypad readers for every application.



## ACCESS choice.

The Indala 125 kHz Standard product line is part of HID's latest line of highly-secure proximity readers. With a read range of up to five inches, Indala Standard Proximity readers are suitable for a variety of applications. These high-quality Indala Proximity Readers deliver outstanding and consistent performance with intelligent programming technology, uniform core modules, and a range of stylish bezel designs including Curve, Arch, Linear, and Wave in a variety of colors. All Indala Standard Proximity readers are available in three popular form factors: Classic, Mullion (Slim) and Wallswitch for the ultimate choice.

### Exclusive FlexSecur® Security Technology.

All HID Indala 125 kHz Proximity Readers feature FlexSecur technology, which provides an added level of access system security through a verification process at the reader. A feature unique to the HID Indala product line, FlexSecur screens out unauthorized cards prior to sending access control data to the host system.

This additional verification step enhances the security of your access system in two ways:

1. The entire card data field is encrypted prior to programming the card. Therefore, the data on the card cannot be decoded to determine the actual information on the card. Only the reader is able to decrypt the data and transmit it to the access control system.
2. Cards and readers can be programmed uniquely for each site, protecting the end user against unauthorized entry attempts by using cards from another facility. Again, this is unique to the HID Indala product line.

### Key Features:

#### Classic Reader

- ▶ Uniquely designed to replace a Wiegand Reader.
- ▶ Dimensions are the same as the Classic Wiegand Swipe reader. Mounting holes match.
- ▶ Ideal for transitioning existing Wiegand users to proximity.

#### Mullion (Slim) Reader

- ▶ Can be mounted on any wall where limited space is an issue or where a slim, modern look is preferred to a wallswitch-size reader.
- ▶ Ideal for mounting on door frames.
- ▶ Suitable for indoor or outdoor use.

#### Wallswitch Reader

- ▶ The Wallswitch reader is similar in size to most U.S. switch plates.
- ▶ Wallswitch reader can be mounted on a single gang box.
- ▶ Suitable for indoor or outdoor use.

# Features

## Reader Form Factors and Bezel Style Choices

Stylish readers are available in mullion-mount and wallswitch in many attractive, "snap-on" bezel styles and colors.

## Indoor/Outdoor Flexibility

All readers are fully potted and have weatherproof electronics assemblies, making them suitable for internal and external applications.

## Easy Installation

Readers easily mount on a door mullion or single gang electrical box.

## Audio Tone Programming Flexibility

Independently controllable audio tone can be tied to LED function or separately controlled.

## Compatible with Any Control Panel

Wiegand or Magnetic Stripe (Clock & Data) output easily interfaces with most existing access-control panels.

## Unbeatable Warranty and Technical Support

Customers can select HID Indala 125 kHz Proximity Readers with confidence because HID offers a lifetime product warranty and global Technical Support.

## Card Programming

The ProxSmith® Programmer System and Application Programming Interface puts flexibility and convenience in the hands of OEM and security professionals. With the ability to quickly program a card or reader on site, users no longer need to rely on the factory for custom formatted cards or readers. Plus, the ProxSmith Programmer System delivers the high level of security you expect from the HID Indala product line.

	Classic	Mullion (Slim)	Wallswitch
<b>Mounting</b>	replaces HID Indala Classic Wiegand Swipe reader	metal door frame, mullion	metal or plastic single gang outlet box
<b>Dimensions</b>	2.3"H x 5.3"W x 0.8"T (5.8 x 13.5 x 2.0 cm)	Wave - 5.5"H x 1.7"W x 1.1"T (14.0 x 4.3 x 2.8 cm) Curve - 4.9"H x 1.7"W x 1.1"T (12.4 x 4.3 x 2.8 cm) Arch - 4.5"H x 1.7"W x 0.8"T (11.4 x 4.3 x 2.0 cm) Linear - 5.5"H x 1.7"W x 0.8"T (14.0 x 4.3 x 2.0 cm)	Wave - 5.5"H x 3.3"W x 1.1"T (14.0 x 8.4 x 2.8 cm) Curve - 5.0"H x 3.8"W x 1.1"T (12.7 x 9.6 x 2.8 cm) Arch - 4.5"H x 3.0"W x 0.8"T (11.4 x 7.6 x 2.0 cm) Linear - 4.6"H x 3.0"W x 0.9"T (11.7 x 7.6 x 2.3 cm)
<b>Power Supply</b>	4-16 VDC		
<b>Current Requirements</b>	65 mA		
<b>Operating Temperature</b>	-31 to 149°F (-35 to 65°C)		
<b>Operating Humidity</b>	0-95% RH, non-condensing		
<b>Transmit Frequency</b>	125 kHz		
<b>Environmental</b>	IP55		
<b>Certifications</b>	UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SRRC (China), MIC (Korea), NCC (Taiwan), MIC (Japan), iDA (Singapore), RoHS		
<b>Base Part Number</b>	<b>603 Core Module: FP-0500A</b> <b>Package Part Number*:</b> Linear, Classic, Black FP4551A	<b>603 Core Module: FP-0500A</b> <b>Package Part Number:</b> Wave, Slim, Black FP1511A Wave, Slim, Blue FP1514A Curve, Slim, Black FP2511A Arch, Slim, Black FP3511A Arch, Slim, Grey FP3515A Arch, Slim, White FP3516A Arch, Slim, Beige FP3517A Linear, Slim, Black FP4511A Linear, Slim, Beige FP4517A	<b>603 Core Module: FP-0500A</b> <b>Package Part Number:</b> Wave, Wallswitch, Black FP1521A Wave, Wallswitch, Blue FP1524A Curve, Wallswitch, Black FP2521A Arch, Wallswitch, Black FP3521A Arch, Wallswitch, grey FP3525A Arch, Wallswitch, White FP3526A Arch, Wallswitch, Beige FP3527A Linear, Wallswitch, Black FP4521A Linear, Wallswitch, Grey FP4525A Linear, Wallswitch, White FP4526A Linear, Wallswitch, Beige FP4527A
<b>Color</b>	Linear (Black)	Wave - Black, Blue Curve - Black Arch - Black, Grey, White, Beige Linear - Black, Beige	Wave - Black, Blue Curve - Black Arch, Linear - Black, Grey, White, Beige
<b>Options</b>	Selectable Output Type Wiegand, ABA Track II, Serial TTL (requires use of BIL 232/422 Module) Termination: Wire Pigtail Field Programmable Tri-State LED (red, green, amber) Configurable for single or dual line LED control. QuickFlash LED and Beep can be enabled/disabled.		
<b>Warranty</b>	Lifetime		
<b>Read Ranges**</b>	<b>Classic</b>	<b>Mullion (Slim)</b>	<b>Wallswitch</b>
<b>FlexISO® Card</b>	Up to 5" (12 cm)		Up to 5" (12 cm)
<b>FlexISO® XT</b>	Up to 5" (12 cm)		Up to 4" (10cm)
<b>FlexCard®</b>	Up to 5" (12 cm)		Up to 5" (12 cm)
<b>FlexTag™</b>	Up to 3" (7 cm)		Up to 3" (7 cm)
<b>FlexKey®</b>	Up to 2" (5 cm)		Up to 2" (5 cm)
<b>FlexISO® MIFARE®</b>	Up to 5" (12 cm)		Up to 4" (10 cm)
<b>FlexISO® DESFire™</b>	Up to 5" (12 cm)		Up to 4" (10 cm)
<b>FlexISO® iCLASS®</b>	Up to 5" (12 cm)		Up to 4" (10 cm)

\*Package includes Core Electronics Module and bezel.  
\*\* Dependent upon installation conditions.

Specifications are subject to change without notice.  
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## ACCESS experience.

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