



Proven. Secure.

FLEXPASS

WAVE

A GRAND ENTRANCE. THE WAVE COVER DESIGN CREATES A LASTING IMPRESSION WITH A UNIQUE, TRANSLUCENT CENTER OFFSET BY A DISTINGUISHED BACKGROUND.

WAVE



AVAILABLE IN: BLACK BLUE (DARK GREY BACKGROUND)

INDALA PROVIDES A COMPLETE PRODUCT PORTFOLIO WITH THE FLEXSECUR™ TECHNOLOGY - THE CONFIDENCE OF SECURITY BETWEEN CARD AND READER. SUPPORTED WITH INNOVATIVE DESIGN AND RESPONSIVE CUSTOMER CARE.

FLEXPASS™

An ASSA ABLOY Group company

ASSA ABLOY

WAVE

SPECIFICATIONS

Size Slim: 5.5" H x 1.7" W x 1.1" T (14.0cm x 4.3cm x 2.8cm)
 Wallswitch: 5.5" H x 3.3" W x 1.1" T (14.0cm x 8.4cm x 2.8cm)
 Mid-Range: 5.5" H x 6.4" W x 1.4" T (14.0cm x 16.3cm x 3.5cm)

Read Range Slim: Up to 5" (12.7cm) using FlexCard™ standard card
 Wallswitch: Up to 5" (12.7cm) using FlexCard standard card
 Mid-Range: Up to 12" (30.5cm) using FlexCard standard card

Input Voltage Slim: 4-16 VDC at reader
 Wallswitch: 4-16 VDC at reader
 Mid-Range: 4-14 VDC at reader

Typical Current Draw
Off Metal: Slim: 65 mA @ 12 V; 86 mA @ 5 VDC
 Wallswitch: 65 mA @ 12 V; 86 mA @ 5 VDC
 Mid-Range: 117 mA @ 12 V; 70 mA @ 5 VDC

On Metal: Slim: 86 mA @ 12 V; 97 mA @ 5 VDC
 Wallswitch: 86 mA @ 12 V; 97 mA @ 5 VDC
 Mid-Range: 111 mA @ 12 V; 65 mA @ 5 VDC

Maximum: Slim: 96 mA @ 12 V; 100 mA @ 5 VDC
 Wallswitch: 96 mA @ 12 V; 100 mA @ 5 VDC
 Mid-Range: 140 mA @ 12 V; 82 mA @ 5 VDC

Operating Temperature -31° to +149°F (-35° to +65°C)
LED Indicator Tri-color standard (red, green, amber)
Audio Tone Standard, independently controllable (not tied to LED)
Output Formats Wiegand, ABA Track II Magnetic Stripe, and Serial TTL (requires use of BIL 232/422 Module)

Frequency 125 kHz (excitation)
Read Time (26-bit) 200 ms (from read to data output)
Security Various levels (configurable) FlexSecur™
Programming Factory or field programmable via FlexPass ProxSmith™ Programmer and Toolkit

Color Black, Blue (Dark Grey Background)

Other Features Self Test, QuickFlash, WatchDog

Product Description	Package* Part #	Bezel Only Part #	CEM Only Part #
Slim, Black	FP1511A	FPZ-1511A	FPC-0500A
Slim, Blue	FP1514A	FPZ-1514A	FPC-0500A
Wallswitch, Black	FP1521A	FPZ-1521A	FPC-0500A
Wallswitch, Blue	FP1524A	FPZ-1524A	FPC-0500A
Mid-range, Black	FP1231A	FPZ-1231A	FPC-0200A
Mid-range, Blue	FP1234A	FPZ-1234A	FPC-0200A
Mid-range, Black, Serial	FP1231S	FPZ-1231A	FPC-0200S
Mid-range, Blue, Serial	FP1234S	FPZ-1234A	FPC-0200S

*Packages include Core Electronics Module (CEM) and Bezel.



SLIM



WALLSWITCH



MID-RANGE



Credentials
 The Indala FlexPass Wave is designed to work seamlessly with Indala FlexPass credentials such as the FlexISO™, FlexKey™ and FlexCard.

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APPROVALS

UL 294/cUL, FCC Certification - United States, Canada Certification, CE Mark-Europe, Australia C-Tick, New Zealand/EMC

WARRANTY

Indala warrants this product against defects in material and workmanship under normal use and service. The warranty period commences with the date of shipment. See complete warranty statement for further details.

Read range stated when readers installed according to instructions. Read range may vary when mounted on metal and with different cover designs. Illumination colors may differ based on cover design color.

Specifications subject to change without notice. Indala reserves the right to discontinue any product without notice.

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