FlexSmart® Series Readers
MIFARE® HID Format Secure Reader • 6075
ISO 14443A Contactless Smart Card Series

HID

ACCESS interoperability.

Key Features

▌ **Installation Simplicity** – All keys and formats are preconfigured, making installations easy.

▌ **Multiple Format Solutions** – Choose from a variety of HID formats: OEM, Corporate 1000 or 26-Bit.

▌ **Complete Flexibility** – Complete flexibility to read HID Sector formats and/or CSN.

▌ **Security Management** – HID manages all reader and card security for you.

▌ **Excellent Reader Value**

▌ **Lifetime Warranty** on HID Cards and Readers.

The FlexSmart MIFARE HID Format Secure Reader provides the ideal solution for customers that are seeking MIFARE technology for new installations or for existing HID applications. Whether you require HID Sector formats or CSN (card serial number) read capability, the reader is preconfigured for ease of installation. The reader is compatible with HID's 6055B MIFARE reader (read-only) or the 6074A reader (read-only) and can be integrated into an existing system. With configuration capability of audio/visual and CSN outputs, the reader offers complete reader security management for customers that want a simple "out-of-the-box" solution.

MIFARE Advantages

The HID FlexSmart MIFARE Format Secure Reader is preconfigured to read any HID formatted data within a secured MIFARE card sector. The reader complies with the requirements of ISO 14443A interoperability standards and is a perfect choice for standard encrypted ID, data storage solutions and multiple applications.

ASSA ABLOY

Mounting The reader mounts on a door mullion or single-gang electrical box for easy installation. A red LED flashes green and the beeper sounds when reader is presented with a MIFARE® Card. The multicolor LED and beeper can also be controlled by the host system.

Diagnostics On reader power-up, an internal self-test routine checks and verifies the setup configuration, determines the internal or external control of the LED and beeper and initializes reader operation.

Durable Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, the reader provides reliable performance and a high degree of vandal resistance.

The reader is capable of outputting in either Wiegand or Clock & Data (magnetic stripe) formatted data.

Security
MIFARE 48-bit read and write keys are extremely secure.
Unique key pairs may be defined for each sector.
Readers and cards must have matching keys.
All RF data transmission between the card and reader is encrypted.

Options
Colors: Black
Optional bezel styles and colors available
Selectable Output Formats
Custom label
Field Programmer
(Please see "How to Order Guide" for a description of the options and associated part numbers)

	FlexSmart® MIFARE HID Format Secure Reader	FlexSmart MIFARE Custom Reader	FlexSmart DESFire® Custom Reader
Model Numbers	6075	6076 (formerly Indala MX200)	6077 (formerly Indala DX200)
*Read Range	Up to 2.0" (5.08 cm)		
Mounting	Door mullion or single-gang electrical box		
Dimensions	4.30" H x 1.5" W x 0.72" T (10.9 x 3.8 x 1.8 cm)		
Weight	4 oz. (113 g)		
Style	Slim or Wallswitch		
Read / Write	Read-Only		
Secure Sectors / Files	Sector One	All Sectors	All Files
Formats	HID Only	Custom	Custom
CSN	Yes		
Custom Keys/ Formats	No	Yes	Yes
Audio/Visual	Default state: Beeper on, LED normally red, reader flashes green on card read**		
Power Supply	9-16 VDC (reverse current protected); Linear supply recommended		
Current Requirements	15mA /75mA @ 12 VDC; Linear power supply recommended.		
Operating Temperature	-13° to 131° F (-25° to 55° C)		
Operating Humidity	0-95% relative humidity non-condensing		
Transmit Frequency	13.56 MHz		
Cable Distance	Wiegand interface: 500 feet (150 m) 22 AWG; 6 conductor minimum stranded with overall shield or equivalent. Additional conductors may be required for connection of all outputs.		
Card Compatibility	· HID MIFARE Cards · HID MIFARE key fobs & tags · HID Proximity and MIFARE Cards (dual technology: MIFARE and HID 125 kHz proximity) · Any Philips compatible MIFARE 1k or MIFARE 4k bytes Cards (ISO 14443, Type A)	· HID or Indala MIFARE Cards · HID or Indala MIFARE key fobs & tags · HID or Indala Proximity and MIFARE Cards (dual technology: MIFARE and HID 125 kHz proximity) · Any Philips compatible MIFARE 1k or MIFARE 4k bytes Cards (ISO 14443, Type A)	· HID or Indala DESFire Cards · HID or Indala DESFire key fobs & tags · HID or Indala DESFire Proximity and DESFire Cards (dual technology: DESFire and HID 125 kHz proximity) · Any Philips compatible DESFire 4k bytes Cards (ISO 14443, Type A)
Certifications	UL 294/cUL (Pending), FCC Certification, United States, Canada Certification, CE Mark, Europe, Australia C-Tick, New Zealand EMC		
Housing Material	Polycarbonate UL 94		
Warranty	Warrantied against defects in materials and workmanship for life (see complete warranty policy for details).		

*Dependent upon installation conditions.
**Consult "How to Order Guide" for other configuration options.

For best results, please print on recycled paper.

MKT-6075-DS-EN

HID

ACCESS experience.

hidcorp.com

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