



MultiClass Reader

Multi-Technology Prox and iCLASS
Mullion-mount Reader



Overview

The Interlogix multiCLASS reader is a multi-technology card reader that enables Challenger customers to upgrade their Tecom 27-bit Indala-format cards to 13.56 MHz smart card technologies (iCLASS® or Mifare).

With the multiCLASS reader, a customer can phase in 13.56 MHz smart cards over time, within a single location or across multiple Challenger sites. Both old and new format cards can be used simultaneously.

In addition to helping transition from Tecom 27-bit Indala, the UTC multiCLASS reader also supports all HID 125 KHz formats, and even has the same mounting dimensions as the HID MiniProx for an easy direct replacement.

The default configuration is Tecom 27-bit Indala format. Configuration cards for other uses can be ordered as required.

The multiCLASS reader is connected to a Challenger (or other) security system via a standard Wiegand connection. The reader features integrated tamper and beeper functionality.

Features

- Simple Migration from the Tecom 27 bit technologies to iCLASS® or Mifare
- Open Architecture Design allows project specific formats and keys
- Provides flexible options for processing multi-technology cards and configuring the reader's audio/visual characteristics
- All HID card formats carryover
- Reads: Tecom 27 Bit, 125 kHz - HID, Indala, EM4102 or AWID proximity, 13.56 MHz - iCLASS, DESFire® - ISO 15693 CSN (MyD, I Code, Tag It), ISO 14443A CSN (MIFARE®)

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Specification

Typical Read Range	
iCLASS Card 3.0	7.5 - 9.0 cm
iCLASS Key/Tag	2.5 - 4.0 cm
HID Prox ISO Card	6.5 - 9.0 cm
HID Prox Clamshell Card	9.0 - 10.0 cm
HID Prox Keyfob/Tag	3.2 - 4.5 cm
Indala Proximity ISO Card	4.0 - 5.0 cm
Indala Proximity Clamshell Card	4.5 - 5.5 cm
Indala Proximity Keyfob/Tag	2.5 - 3.2 cm
Dimensions	15.6 cm x 4.8 cm x 2.3 cm
Card Compatibility	
125 kHz Proximity	Tecom 27 bit HID or Indala proximity cards, key fobs, and tags. AWID Credentials EM4102 Credentials
13.56 MHz contactless smart cards	ISO 15693 - read only; 2k bit (256 Byte), 16k bit (2k Byte) and 32k bit (4k Byte); serial number ISO 14443A - read only; MIFARE (serial number) ISO 14443B - read only; 2k bit (256 Byte) and 16k bit (2k Byte) Sony FeliCa™ IDm (requires Transit p/n 6144) CEPAS CAN or CSN (requires Transit p/n 6144)
Warranty	Lifetime
 N4131	
Regulatory Compliance	ACMA C-Tick for Australia and New Zealand
  	

Ordering Information

430212003	MultiClass transition reader Indala to Mifare/iClass
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