

MultiClass Signo Reader

Multi-Technology Prox and iCLASS
Mullion-mount Reader



Overview

The HID Signo 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 multiCLASS reader also supports all HID 125 KHz formats.

The default configuration is Tecom 27-bit Indala format. Personalising and configuring the reader for other uses can be achieved through the HID Reader Manager app on your phone.

The multiCLASS reader is connected to a Challenger (or other) security system via either a standard Wiegand connection, or may utilise a secure OSDP connection when connected to the Network Access Controller. 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: Bluetooth mobile credentials, Seos, iCLASS SE®, iCLASS SR®, iCLASS®, MIFARE Classic, MIFARE DESFire EV1/EV2, HID Proximity®, Indala® Proximity, AWID Proximity, and EM Proximity

MultiClass Signo Reader

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Specifications

Typical Read Range	
13.56MHz	Seos® MIFARE Classic MIFARE DESFire EV1/EV2 & ISO14443A Single Technology Cards – 4 to 10 cm
125KHz	HID / AWID Proximity® Indala Proximity® EM Proximity & 125 kHz Single Technology Cards – 6 to 10 cm
Current Draw	
Normal Standby Current	60 mA
Peak	250 mA
Maximum Average	70 mA
Intelligent Power Management	45 mA
Operating Temperature & Humidity	-35° C to +66° C
Environmental Rating	UL294 Outdoor and Indoor rated, IP65
Dimensions	45 mm x 121.5 mm x 19.5 mm
Card Compatibility	
125 kHz Proximity	Tecom 27 bit Indala® HID Proximity® Indala® Proximity AWID Proximity EM Proximity
13.56 MHz contactless smart cards	Seos iCLASS SE® iCLASS SR® iCLASS® MIFARE Classic MIFARE DESFire EV1/EV2 Mobile Credentials powered by Seos® (HID Mobile Access)
2.4 GHz (Bluetooth)	Mobile Credentials powered by Seos® (HID Mobile Access)
Warranty	
	Limited Lifetime RCM for Australia and New Zealand GreenCircle, Bluetooth SIG
Regulatory Compliance	
	RoHS

Ordering Information

HID-27-SIG20-W	MultiClass Signo20 Tecom 27 bit Indala transition reader Wiegand
HID-27-SIG20-O	MultiClass Signo20 Tecom 27 bit Indala transition reader OSDP

