Axxess
Identification

Hitag 1/2/S Proximity Reader

Hitag 125kHz technology with or without keypad

Product Features

- Reads Hitag 1 / 2 / S card serial number
- Mullion-style slimline reader
- Red, green orange and blue LED's
- Built-in buzzer
- Low power consumption
- Reading range 10cm (4")
- Weather-proof, fully encapsulated*
- 2 metres of cable
- Wiegand interface as standard with various other formats available—using configuration cards
- Automatic changeover to two-way communication when connected to AX controllers
- Reads many existing access control cards like Paxton etc.

The Hitag proximity reader combines the user-friendliness of proximity reading, in an attractive slim design housing.

With a typical reading range of 10cm, it allows fast reading of Hitag 1, 2 and S cards and key fobs providing the unique 32 bit serial number of the card in standard Wiegand format. The Hitag reader is also available to read sectors of card data subject to end-user requirements—please contact us for additional information.

The Hitag proximity range offers high reliability, consistent read range and low power consumption in a single easy to install weatherised housing. The readers also have the advantage of audio-visual indication—when the Hitag card or key fob is presented to the reader, the tri-colour LED's indicate whether the card has been read.

The Hitag range of readers are available as proximity reader only, proximity and keypad—combining proximity technology with a fully integrated keypad or proximity reader module only for integration into third party equipment or housings.

Both the Hitag reader and reader with keypad are sealed for indoor or outdoor use. The keypad reader incorporates tactile keys providing audio and visual feedback and luminous keys for night-time operation.

* excludes proximity module only

Warranty Period
The equipment is guaranteed against defects in materials and workmanship for 2 years from date of shipment (see warranty policy for details).

Technical Data

Cable Connections
Reader supplied with 2 metre (6.5ft) - 6 core screened cable

Red	+12VDC Supply
Black	0VDC Ground
Green	Data 0
Yellow	Buzzer
White	Data 1
Blue	LED

Cable Distance / Gauge
Maximum of 100 metres—24AWG (7/0.20)

Material
ABS plastic UV resistant

Reader Supply Voltage
+12VDC

LED and Buzzer Control Inputs
0 to +5VDC maximum

Operating Temperature
−25°C to +85°C

Current Consumption
35mA at +12VDC

IP Rating
IP68-excluding buzzer

Dimensions
119 x 40 x 17mm (4.69 x 1.57 x 0.67")

Fixing Kit
Security screws, rawl plugs, installation screws and screwdriver bit included

Colours Available
WH—White
GG—Graphite Grey
BK—Black
Other colours available upon request—subject to minimum order quantities.

Output Types - programmable with configuration cards
- Wiegand 50 bit—shipped as standard
- Wiegand 26 bit
- Wiegand 30 bit
- LED control
- Magstripe 16 bit characters
- Magstripe 32 bit characters
- Repeat Read

Part Numbers
105-288-CC   AX Hitag 125kHz proximity reader
105-289-CC   AX Hitag 125kHz proximity & keypad reader
105-290-X   AX Hitag 125kHz proximity module only
105-292-2   AX Enrolment Reader Hitag 1 /2 / S
CC signifies reader colour & X signifies output type

Please see other documentation for a range of Hitag cards and keyfobs to use with these readers.

Distributor:

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