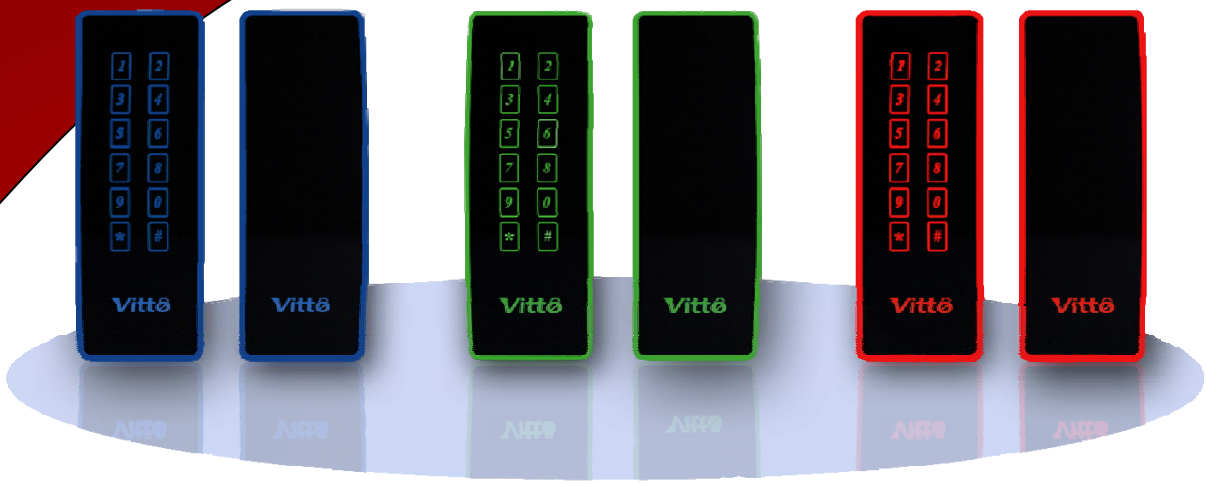
Slender Series



Mifare & ISO14443A-4 UID Slender Series Reader

Design & Technologies

- Read both CSN and Sector of Mifare card and FULL UID of Mifare Plus and DesFire card.
- Support on-site Reader Configuration Card to change certain parameters.
- Tamper protection
- A PIN can be set inside the card to authenticate with the reader so that “Card + PIN” mode can be implemented without
- Economical mullion mounts type.
- Design with customer logo is possible.
- Door Bell function for Number pad reader.
- Number pad use “touching sensor”, the latest technology and individual number backlit when touch.
- Easily see under dark environment. Could be use as a door location

Friendly Installation

- “Touch” number pad does not carry any moving parts, which implies more durable.
- All weather proof design with IP65 certificate.
- All inputs are 12Vdc protected.
- Universal back plate allows the reader be installed on different size of gang box.
- Non-drop bottom screw made servicing handier.
- All input and output signals are protected against static charges.
- Reverse power protection.
- Stainless steel Security screw is an option

FCC Caution.

§ 15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Model Number: X_1 X_2 N_1 N_2 N_3 – N_4 X_3

RF Technologies		Reader Appearance and Function	
X_1X_2	MW = Mifare + Mifare UID + DesFire UID	N_1	3 = Normal Reader
		N_2	5 = Normal Reader
		N_3	2 = Read UID / Card Number 3 = Reader Sector (HF Only)
		N_4	8 = Pigtail
		X_3	N = No Number pad; K = Number pad

Model / Functions	Standard Reader	Keypad Reader
Configurable Functions		
Re-configure Window	5 seconds (Default) or Half an hour after Power up	
Reader Output Format	CSN/UID 32bits, 34bits, 56bits (backward/forward), file content reading for programmed ID	
Wiegand Plus Width	Different choices to fit with different Controller's requirements	
Keypad Output	N/A	Definable
Buzzer Control	Reader & Controller control (Default) or Controller control only	
LED/Back lit Control	Define different LED color response base on Green LED	
Technical Specifications		
Typical Read range	>5 cm (Base on different technology)	
Reader Standard Output	Wiegand (RS232 & RS485 optional)	
Standard Keypad output	N/A	Wiegand with 4 bits burst
Wiring Distance	150m (22 AWG with shielded cable)	
Wiring Distance	13.56MHz； ISO14443A-4	

Operating Specification::

Operating Voltage	10 - 15VDC
Operating Current	150mA (max)
Operating Temperature	-30℃-70℃
Exterior dimension	150*53*25 mm
Case material	PC+ABS
Standard Color	Black
Operating Humidity	10% - 90%
Weight	180g