

XTREME Slim OSDP Reader



XTREME Slim OSDP Reader User Manual

[Home](#) » [Xtreme](#) » XTREME Slim OSDP Reader User Manual 

Contents

- 1 XTREME Slim OSDP Reader
- 2 Introduction
 - 2.1 Features
 - 2.2 Specifications
- 3 Installation
 - 3.1 Wiring
 - 3.2 Connection Diagram
- 4 Programming
- 5 Indicator light status
- 6 Packing List
- 7 Documents / Resources
 - 7.1 References

Xtreme

XTREME Slim OSDP Reader



Introduction

It is a waterproof OSbr reader, and also with Wiegand output, can read 125KHz EM card, hiD card a 13.56MHZ Mitare cards at the same time.

Features

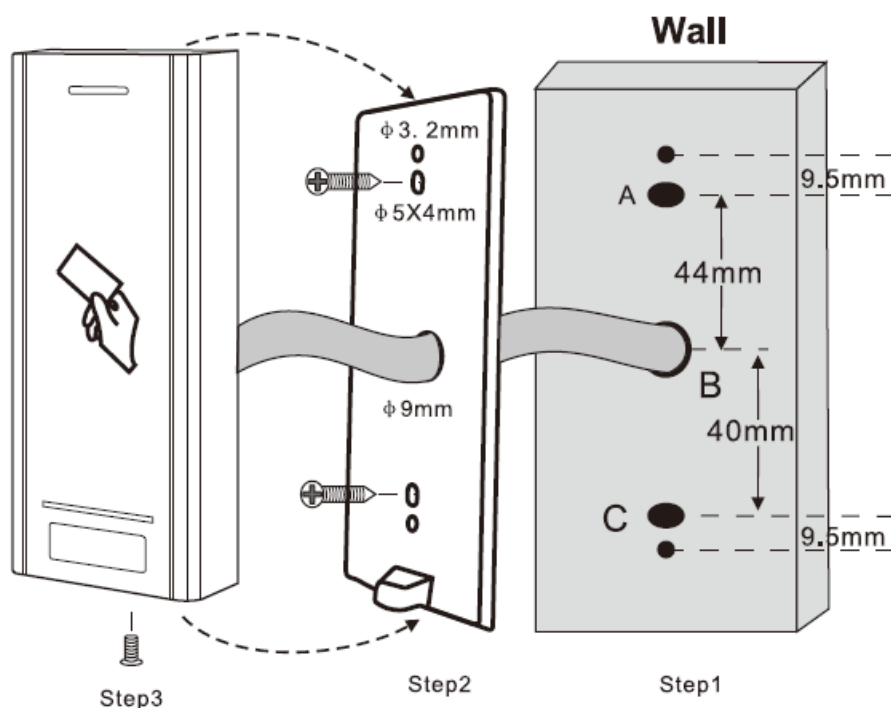
1. Waterproof, conforms to IP66
2. OSDP+ Wiegand, AES128 encryption
3. **Card Type:** 125KHz HID, EM & 13.56MHz Mifare
4. Programmable Wiegand output (by remote control included in the box)
 1. **EM card:** Wiegand 26~44 bits output (default: 26bits)
 2. **Mifare card:** Wiegand 26~44, 56, 58bits output (default: 34bits)
 3. **HID card:** Wiegand 26-37 bits output

Specifications

Operation Voltage	9-18V DC
Standby Current	≤50mA
Frequency	125KHz & 13.56MHz
Card Type	EM & HID & MIFARE
Read Range	2~4 cm
Wiegand Output Format	EM card: Wiegand 26~44 bits output (default: 26bits) Mifare card: Wiegand 26~44, 56, 58bits output (default: 34bits) HID card: Wiegand 26~37 bits output
Operating Temperature	-40°C~60°C
Operating Humidity	0% ~ 98% RH
Color	Black
Index of Protection	IP66
Dimension	120x75x20mm(Wide) 120x50x20(Slim)
Net Weight	200g (Wide) / 150g (Slim)
Shipping Weight	250g (Wide) / 200g (Slim)

Installation

- Drill 2 holes (A, C) on the wall for the screws and one hole (B) for the cable
- Knock the rubber bungs to the holes (A, C)
- Fix the back cover on the wall with 2 screws
- Thread the cable through the cable hole (B)
- Attach the unit to the back cover

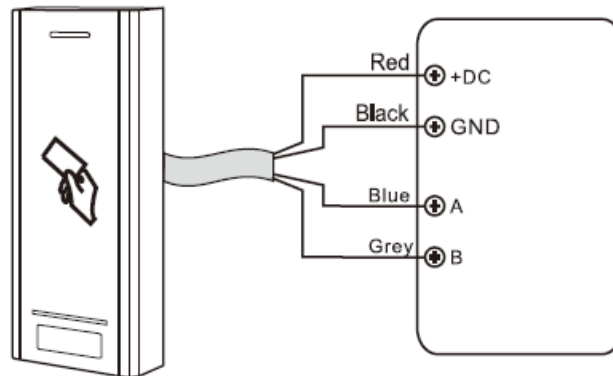


Wiring

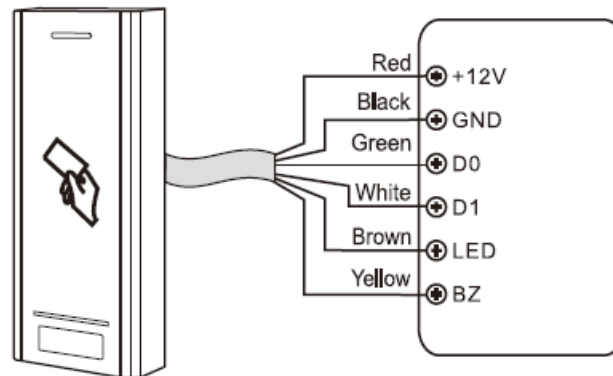
Color	Function	Notes
Red	Power +	+12V
Black	GND	Ground
Green	D0	Data 0
White	D1	Data 1
Brown	LED	Green LED Light Control
Yellow	Buzzer	Buzzer Control
Blue	A	RS485A
Gray	B	RS485B

Connection Diagram

Connect with OSDP Controller



Connect with Wiegand Controller



Programming

Note:

Use the remote control included in the box to do programming

Set Master Code (6 digits)

The Master Code is used to prevent unauthorized access to the system, we highly recommend immediately updating it and recording the New Master Code.

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code) # (factory default: 123456)
2. Update Master Code	0 (New Master Code) # (Repeat New Master Code) #
3. Exit Program Mode	*

Set Wiegand Fonnat for EM Cards

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code) #
2. Set Wiegand Format	1 (26~44) # (Factory default is 26bits)
3. Exit Program Mode	*

Set Wiegand Fonnat for HID Cards

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code) #
2. Output Format Setting	2 0 # (Auto output, factory default) 2 (26-37) #
3. Exit Program Mode	*

Set Wiegand Fonnat for MI FARE Cards

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code) #
2. Output Format Setting	3 0 # (Auto output) 3 (26-44, 56, 58) # (Factory default is 34 bits)
3. Exit Program Mode	*

Baud Rate Settings (Factory default: 9600)

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code) #
Setting values:	6 (4800, 9600, 14400,19200, 38400, 56000, 57600,115200, 128000) #
3. Exit Program Mode	*

Note:

The baud rate of all readers under the same controller should be set to the same as the controller's baud rate, otherwise the connection will fail.

OSOP Address Settings (Factory default: 0)

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code) #
Setting the address	7 (0-126) #
3. Exit Program Mode	*

Note:

The addresses of all readers under the same controller should be set to be different, otherwise, the two readers will conflict

Reset to Factory Default (two methods)**Method 1**

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code) #
2. Reset to Factory Default	5 0 #
3. Exit Program Mode	*

Method 2 (This way is suitable for users who forget the master code):

Power off, connect the Yellow wire and GND wire, then power on, and wait for 5 seconds, there will be a long beep, then reset to factory default successfully, then disconnect the Yellow wire and GND wire.


Indicator light status

Operation Status	Indicator light color	Buzzer
Standby status	OSDP Controller decides	
Correct Card	OSDP Controller decides	beep-
Error Card	OSDP Controller decides	beep-

Packing List

Name	Quantity
Reader	1
Remote control	1
Manual	1
Self Tapping Screws	2(Φ4*25mm)
USB Serial Tools	2
Rubber plug	2

Documents / Resources

	<p>XTREME Slim OSDP Reader [pdf] User Manual Slim OSDP Reader, Slim, OSDP Reader, Reader</p>
---	--

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.