

Product specification

Model No. : JFMS-899-1

Category : Electronic locks

Table of contents

1.0 Outward appearance	page2
2.0 General specification	page2
3.0 Main materials /part spec	page2
4.0 Environment parameter	page2
5.0 Operating Instructions	page3
6.0 Installation schematic	page3
7.0 Dimension	page4
8.0 Pin assignment	page4
9.0 Precautions	page4

1.0 Outward appearance



CE
RoHS

JFMS-899-1 Electronic locks

2.0 Specification

Item	Description	Spec./ parameter	
2.1	Item No.	JFMS-899-1	
2.2	Exterior size	(see 7.0)	
2.3	Rated voltage	DC 12V	
2.4	Operating	DC 12V±20%	
2.5	Power consumption	3.6W	(1) At 25℃,65% RH (2) Rated Voltage
2.6	Rated current	≤0. 25A	
2.7	IP protection	IP65	
2.8	Weight	0.72 kg	

3.0 Main materials / part spec.

Item	Description	Material
3.1	Pedestal	Zinc alloy
3.2	handle	Zinc alloy
3.3	Steel bolt	SUS304
3.4	Power box	ABS

4.0 Environment parameter

Item	Parameter	Condition
4.1	work environment	Temperature:-40~+65℃ Humidity : 5~90%
4.2	Storage environment	Temperature:-40~+80℃ Humidity : 0~90%
4.3	Altitude	Altitude: 60m~4000m
4.4	Warranty period for electronic components	1 years @ 25℃ / 85% Relative humidity (RH)
4.5	Warranty period of mechanism parts	1 years @ 25℃ / 85% Relative humidity (RH)
4.6	Packing vibration resistance test	After packaging, apply 1.1G acceleration in three directions of XYZ , and there is no abnormality after 30 minutes of vibration.
4.7	Packing impact resistance test	After packing, it is 60 cm high, with 1 corner, 3 sides and 6 sides falling naturally without serious damage

5.0 Operating Instructions

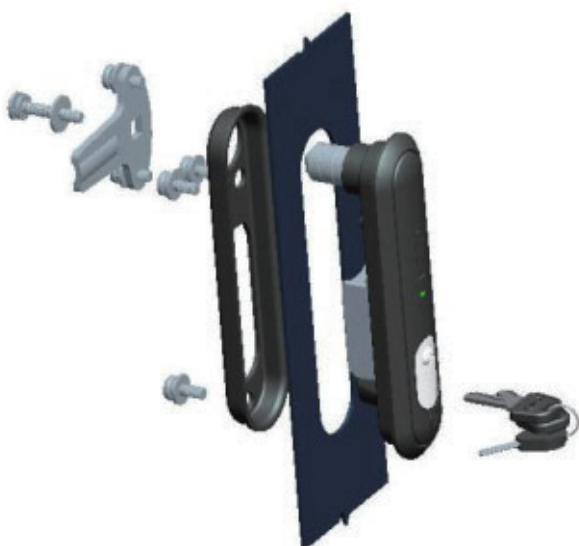
5.1 After the controller energizes the control line of the electronic lock, the indicator light flashes on the handle (green light) ; suggestion: control set the power-on time to no more than 25 seconds to save power. Press the hands- handle circled position below the handle, automatically pops up, (if not pressed, the green light keeps flashing and waiting to be turned on until the control line is powered off).

5.2 Rotating the handle, drives the steel bolt , even rod or the like latch closing operation mechanism opening motion is completed.

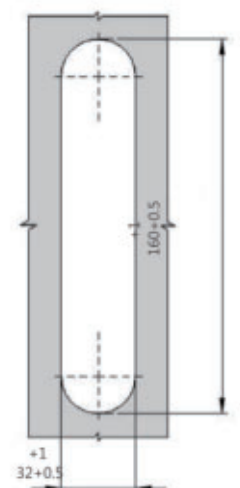
5.3 When the machine is opened, first press the handle to the end (inward) and then turn the key.



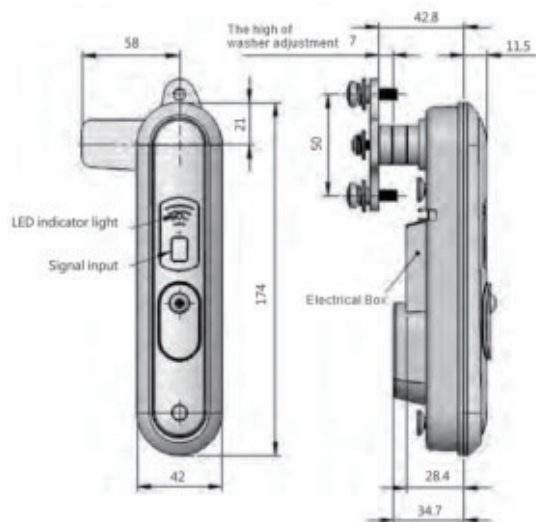
6.0 Installation schematic



Item No	Specification
JFMS-899-1	Swipe card type
JFMS-899-1A	Bluetooth type



7.0 Dimension



8.0 Pin assignment



Definition of lead wire harness:



Pin number	Color	Specifications / Definition	Cable
1	Red	12V+	UL2464/26AWG
2	Black	GND	
3	White	Lock switch status output signalline	
4	Yellow	Lock switch status output signalline	

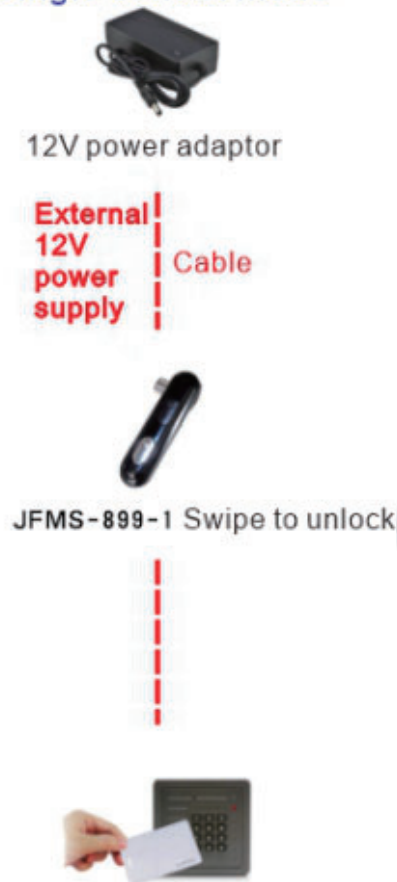
9.0 Precautions

- 9.1 Do not exceed the limit specified in this specification during use.
- 9.2 If you want to change any specifications of this file, please make sure to request in advance.
- 9.3 Do not wrap the power cord around the lock or pull the power cord forcibly, as the power cord will be damaged and cause function Failure.
- 9.4 If any information and files are different from this copy, this copy will be used as the main reference.
- 9.5 Do not use in flammable gas and any harmful environment.
- 9.6 When the electronic lock is dropped on the ground during transportation or installation, the lock will be damaged.
- 9.7 The torque of the screw of the lock housing shall not exceed 3N.m, and the torque of the handle shall not exceed 30N.m.
- 9.8 During the installation of the door lock on the door, the door lock must not be knocked to avoid damage to the door lock parts. The installer must wear it Gloves.
- 9.9 The door panel must be kept level during installation, and the fixing hole of the door should be opposite to the shape of the lock.
- 9.10 Do not strike the lock body with gravity, or wipe the surface of the lock body with chemicals to prevent corrosion of the plating layer.
- 9.11 After installation, the lock body maintains flatness and verticality, and there is no need to apply waterproof glue at the installation interface of the door lock and door panel The edge can reach the IP55 waterproof level.

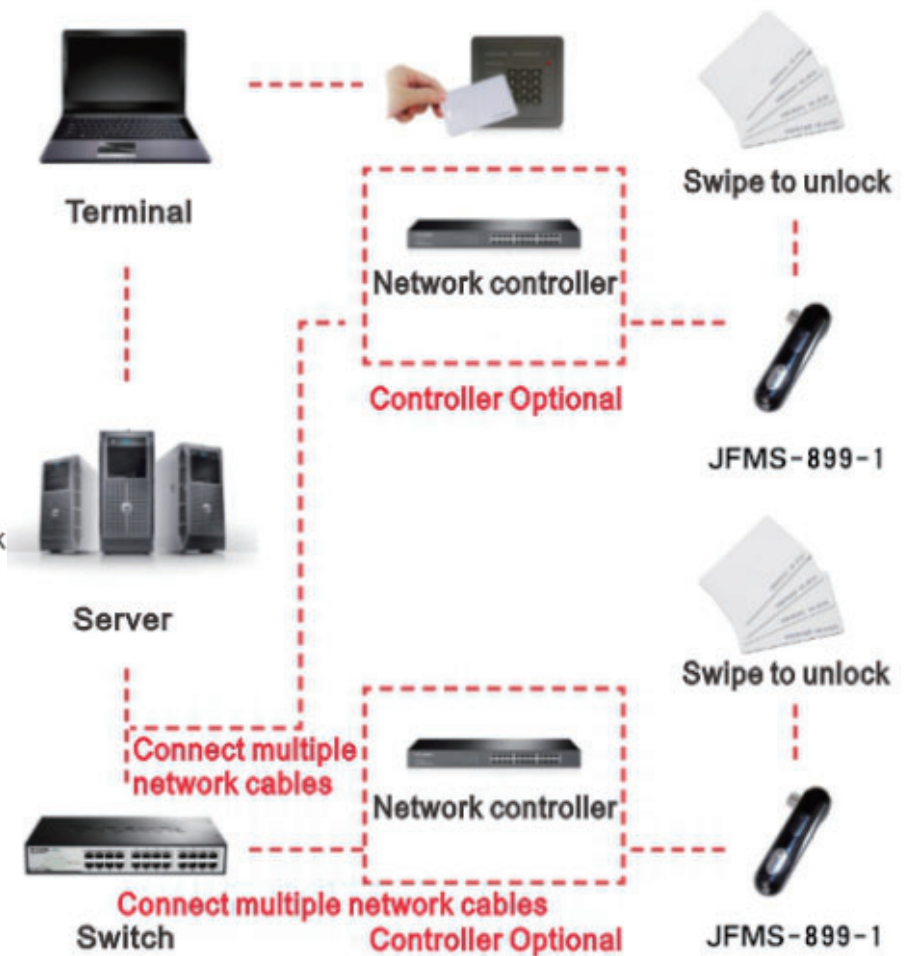
Control system schematic

JFMS-899-1 Principle of control system

Electronic lock single control mode



Electronic lock network control mode



Product application

JFMS-899-1 Electronic locks



- Electronic locks can be used for data center cabinets and Industrial cabinets provide efficient electronic access security protection.
- Can be used independently or in series, with traditional mechanical lock.
- Compared with the results, electronic locks have higher protection and security.
- Significantly improve technology and performance.



Product feature:

- Through the battery valve or chip to control the battery valve on and off, it can also control the closing of the mechanical switch. It is a high-tech electronic product that completes the opening and locking tasks.
- It is an electronic lock with anti-theft warning function.
- It can be applied to any cabinet indoors or outdoors, and its protection level also reaches Ip65.
- The handle of this electronic lock is equipped with a mechanical opening lock core. The internal pentagon screwdriver and mechanical key in the standard equipment are used for opening. In case of occasional power failure, the user is required to open the lock urgently to avoid unexpected accidents.