

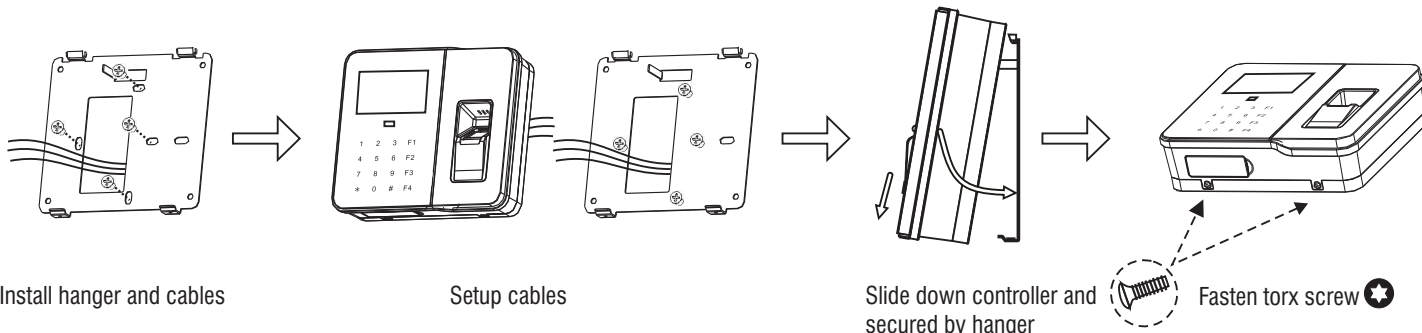
Biosense III-T-M

INSTALLATION HW 2.0

A. Package Content

- Controller x 1, wall hanger x 1, user manual x 1, special tools for dismantling x 1, kit pack x 1
- Kit pack : screw x 4, screw anchors x 4, diode (1N4004) x 1
- 4 pin cable x 1, 8 pin cable x 1, 9 pin cable x 1

B. Installation



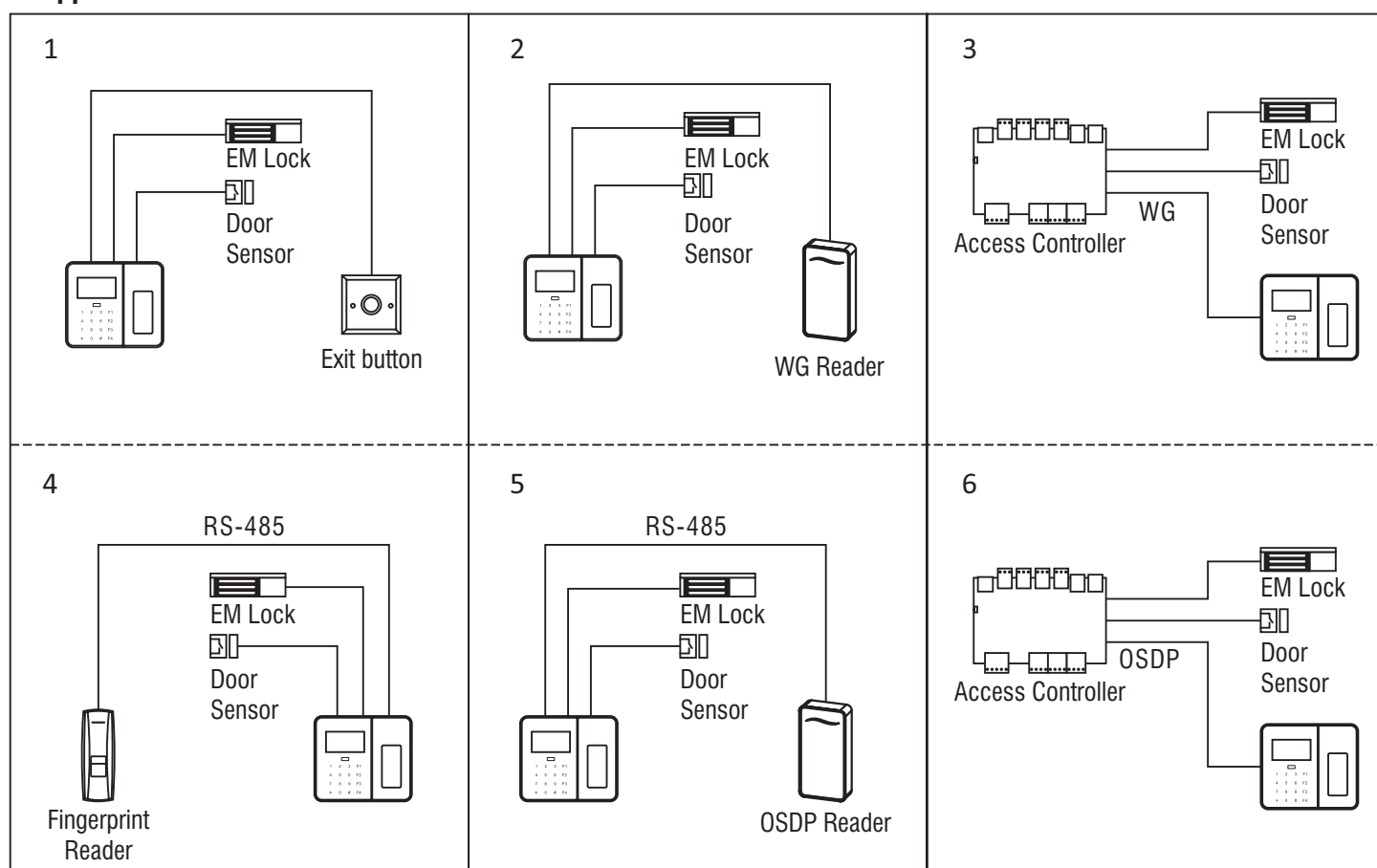
C. Specification

- Dimension : 160.2 x 140.2 x 46.7 mm
- Voltage range : 9 ~ 24 VDC
- Current : Max 500mA @12VDC (Recommnd use 1A 12VDC)
- Wiegand range : Max 100M
- Optional with PoE 802.3 af 13W or at 25W

D. Webserver Introduction

- Default IP Address : 192.168.0.66
- Default WEB Account : admin
- Default WEB Password : admin
- Menu setting password: 111111

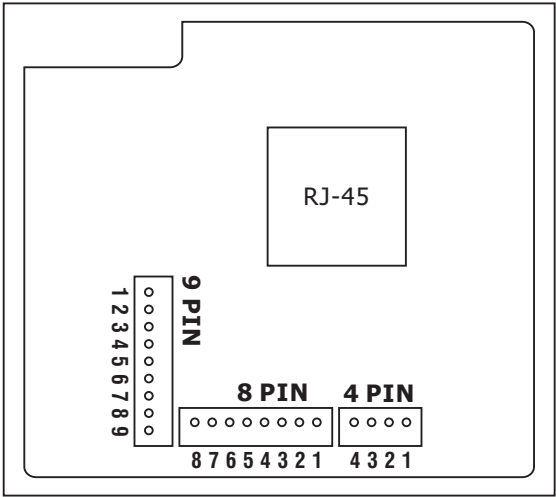
E. Application structure



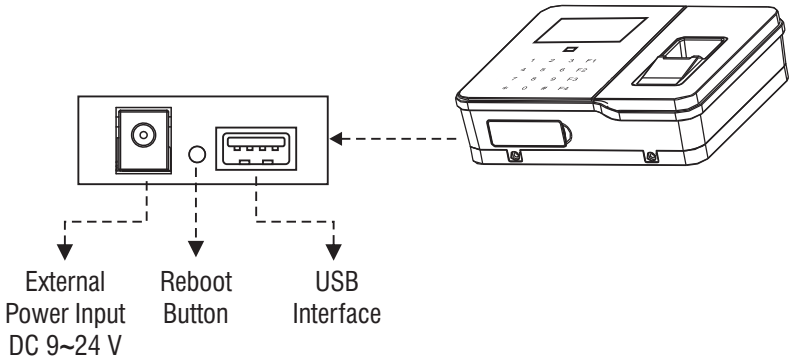
F. Cable Description

9PIN	No.	Color	Function	Description
	1	ORANGE / BLACK	WG OUT 1	WG Output
	2	GRAY / BLUE	WG OUT 0	
	3	BLACK	GND	GND
	4	PINK	FIRE	Fire Alarm Input
	5	BLUE	SENSOR	Door Sensor
	6	VIOLET	EXIT	Exit Button
	7	GREEN	DOOR-COM	Door Lock
	8	WHITE	DOOR-NO	
	9	YELLOW	DOOR-NC	

8PIN	No.	Color	Function	Description
	1	YELLOW / BLACK	ALARM-NC	Alarm relay output Bell relay output
	2	WHITE / BLACK	ALARM-NO	
	3	GREEN / BLACK	ALARM-COM	
	4	RED / WHITE	WG IN 0	WG Input Connect WG Reader
	5	BLACK / WHITE	WG IN 1	
	6	BLACK	GND	GND
	7	ORANGE	LED	Control WG Reader LED/ Buzzer Action
	8	PINK / BLACK	BUZZER	

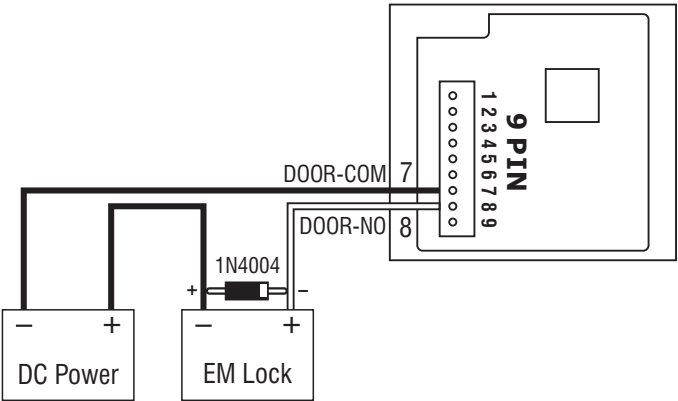


4PIN	No.	Color	Function	Description
	1	BLACK	GND	DC 9~24V(1A)
	2	RED	VIN+	
	3	BROWN	RS485+	
	4	GRAY	RS485-	

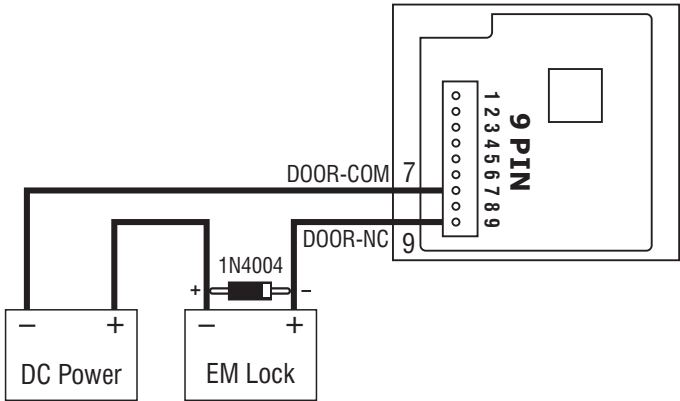


Door lock relay wiring instructions

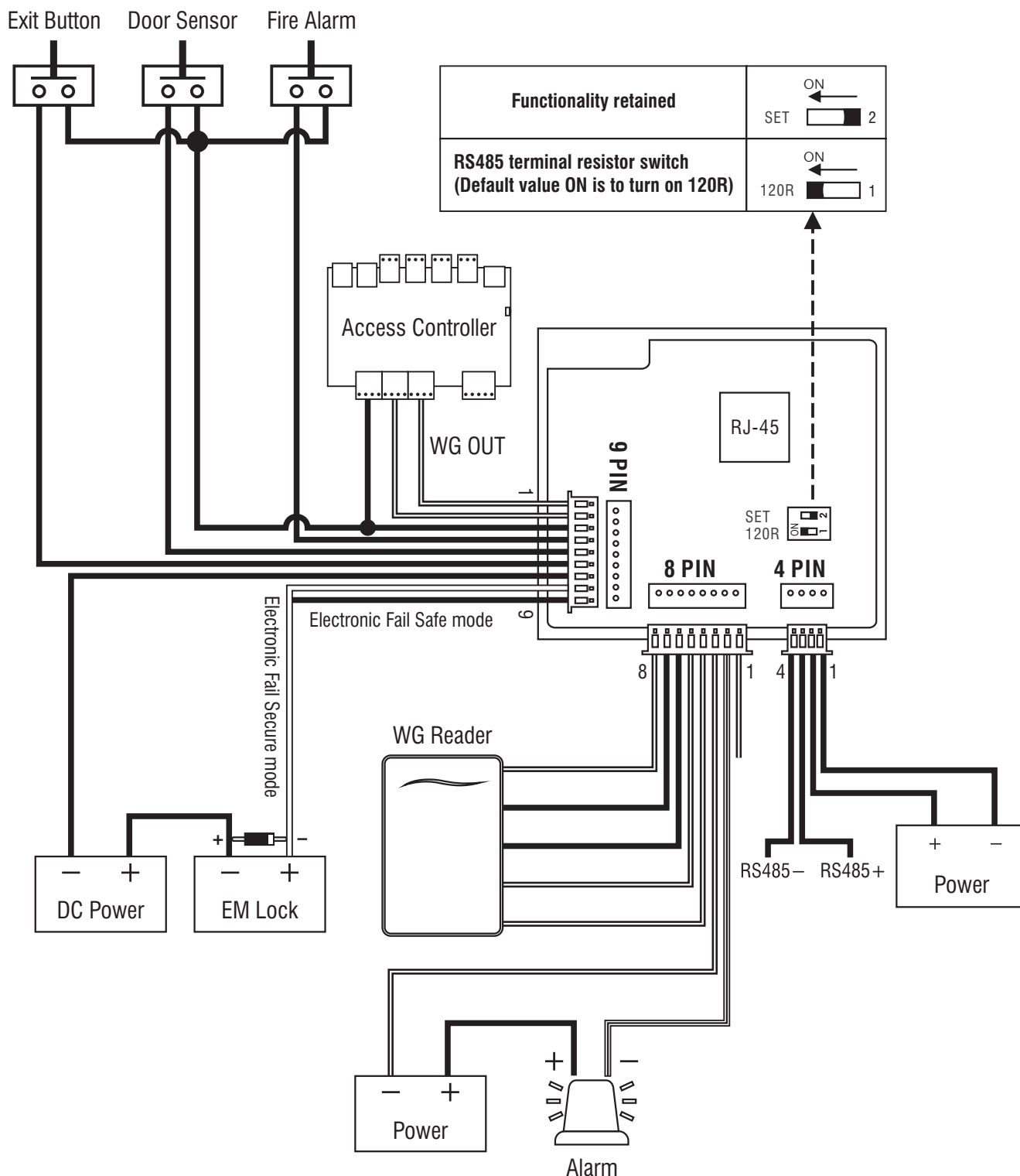
• Electronic Fail Secure mode



• Electronic Fail Safe mode



G. Cable Diagram



FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment. 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.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.