



GoMA Pro

ASI-S11

Specifications

AsReader® is registered trademarks of Asterisk Inc.

The contents of this manual are subject to change without notice.

FCC Compliance Statement:

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.

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

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 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.

FCC Radiation Exposure Statement

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure

Contents

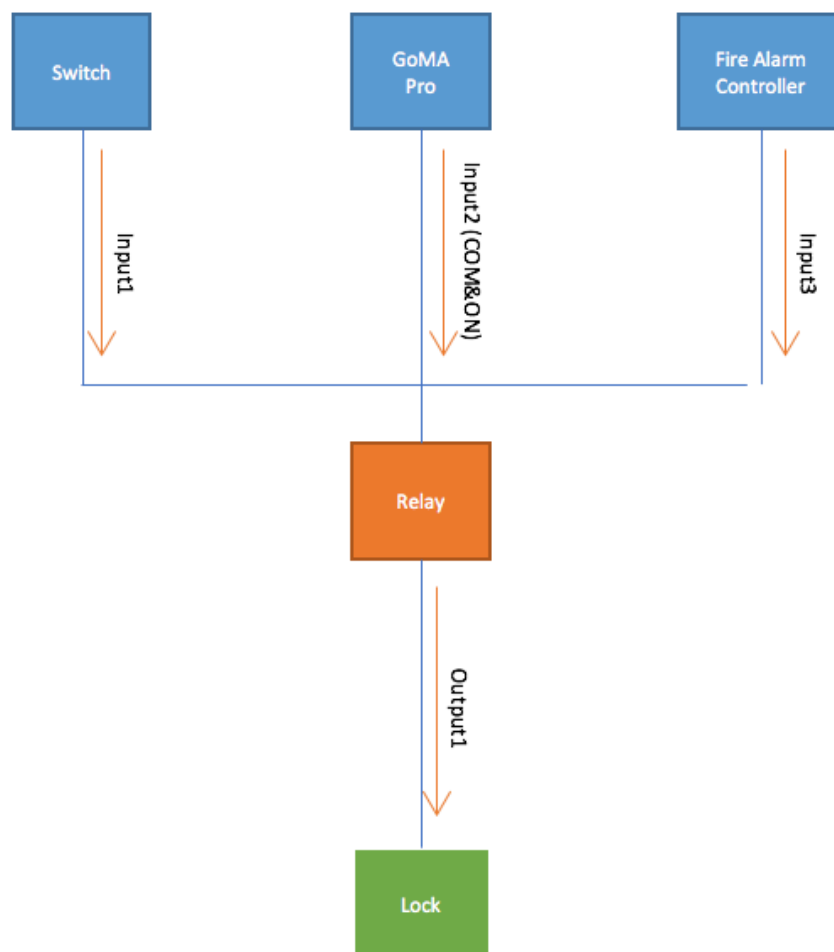
1 System Construction	3
1.1 System Construction	3
1.1.1 System Construction	3
1.1.2 RS-485	4
1.1.3 Smart Lock Connection	4
2 Package	5
3 Appearance Descriptions	6
4 Dimension Drawing:	7
5 Signal Cable Descriptions	8
6 Function Description and Operation Method	9
7 Appendix-Specifications:.....	10

1 System Construction

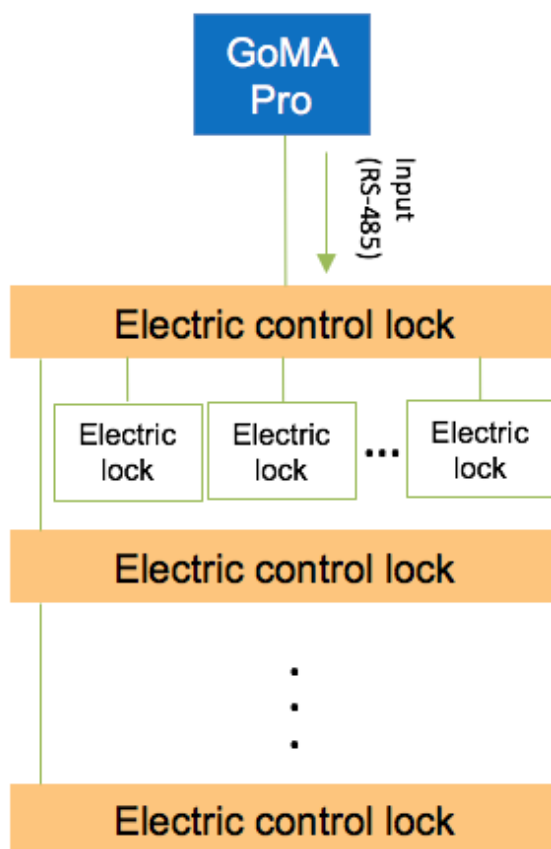
1.1 System Construction

Goma Pro is a facial recognition terminal that enables the extraction, recognition, and comparison of facial features through advanced face detection technology. We provide diverse interfaces for utilization in combination with hardware such as automatic doors, electric locks, electromagnetic locks, and smart locks.

1.1.1 System Construction



1.1.2 RS-485



1.1.3 Smart Lock Connection



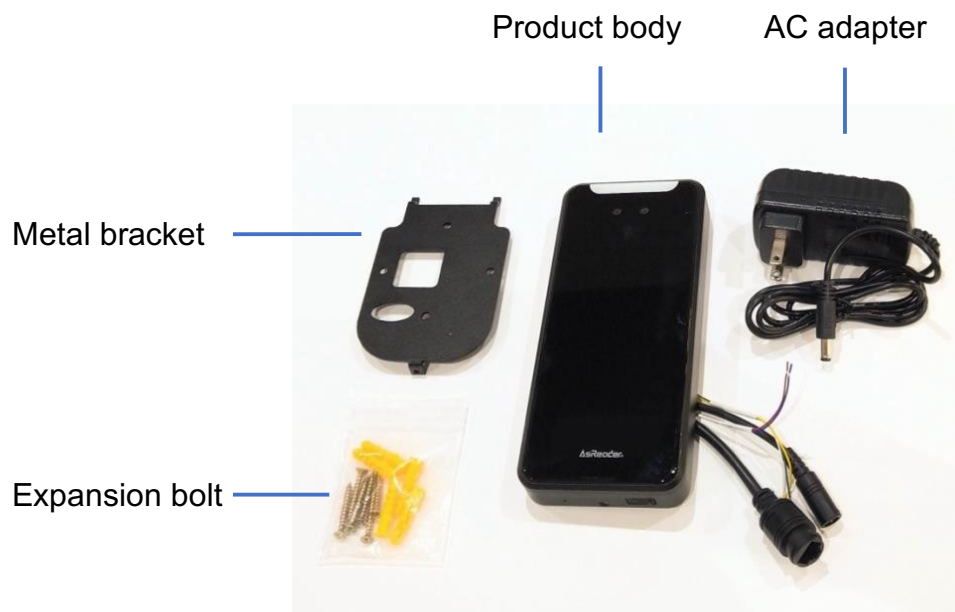
※For Smart locks, SESAME 5 and SESAME 5 Pro models from Candy House company (<https://jp.candyhouse.co/>) are currently used.

2 Package

GoMA Pro packaging contents include: product body, metal bracket, AC adapter, user manual (QR), expansion bolts. Waterproof case and PoE separator are optional.

Standard:

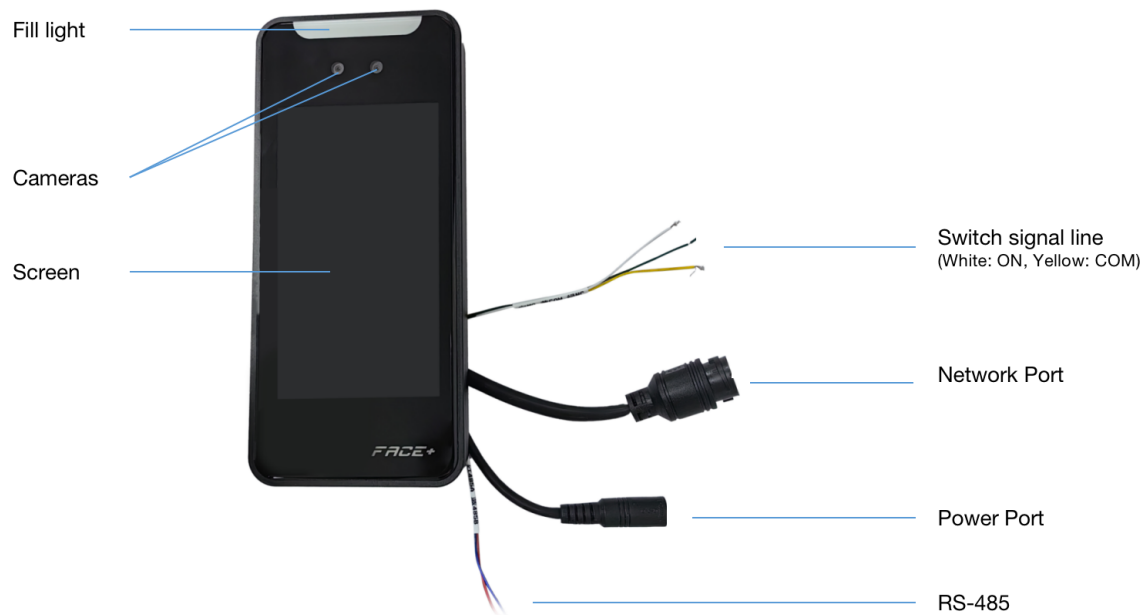
- Product body * 1
- Metal bracket * 1
- AC adapter * 1
- Expansion bolt * 4
- User Manual (QR)* 1

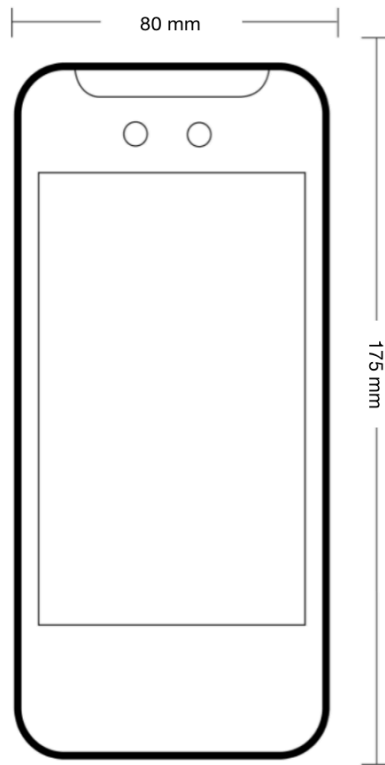


Optional accessories:

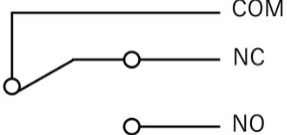
- Waterproof case
- PoE splitter

3 Appearance Descriptions



4 Dimension Drawing:

5 Signal Cable Descriptions

Cable color	Name	Description	
Red	RS-485A	Rs-485 ☆ input/output signal A	
blue	RS-485B	Rs-485 ☆ input/output signal B	
yellow	Relay output COM	NO, NC ☆ COM	
green	Relay output NC	Normal close (COM-NC open on authentication)	
white	Relay output NO	Normal open (COM - NO close on authentication)	

6 Function Description and Operation Method

Power On/Off

When you plug the power cable into the power connector, GoMA Pro automatically comes up and displays the screen.

To turn off the power, unplug the power cable from the power connector.

7 Appendix-Specifications:

Items	Descriptions
Internal camera	Pixels: 2 million pixels RGB+IR × 1, IR × 1
LCD	5-inch HD screen resolution 720 x 1280 touchscreen
Sound function	Stereo speaker
Network (wired)	100BASE-TX / 10BASE-T
Network (wireless)	IEEE 802. 11 b/g/n/a/ac (2. 4 GHz / 5 GHz)
Bluetooth	Bluetooth 4. 2
External IF	Bluetooth 4. 2 USB: USB Type-A Port (for system update) LAN: RJ45 RS-485
Switch Output	Contact C 30V DC
Operating Voltage	DC 12V2A
Operating Humidity	5~90% RH, Non-condensing
Operating Temperature	0℃~40℃
Storage Temperature	-20℃~60℃
Protection Level	IP54 (With a rain cover)
Weight	439g
Exterior Dimensions	Height 175mm * Width 80mm * Thickness 20mm

GoMA Pro ASI-S11**User Manual 2024/8/30****1.0****Asterisk Inc.**

Osaka Office Tel: +81 (0) 50 5536 1185 Shin-Osaka Dainichi Bldg.

201, 5-6-16 Nishinakajima, Yodogawa-ku, Osaka-city, Osaka, 532-

0011 JAPAN