

## GV-ASBox



### Introduction

The optional GV-ASBox is the I/O and network expansion module for GV-AS100 / GV-AS110 / GV-AS120. With the GV-ASBox, additional network connectivity, 8 inputs, 8 outputs and 1 Wiegand reader can be added to GV-AS100 / GV-AS110 / GV-AS120.

### GV-ASBOX KEY FEATURES

- Add TCP/IP networking capability to GV-AS100/ GV-AS110 / GV-AS120
- Extend GV-AS100/ GV-AS110 / GV-AS120 from 1-door to 2-door controller
- Support 1 Wiegand reader of 26 to 64 bits
- Support 8 digital inputs and 8 relay outputs
- 4 special outputs for lighting control and energy saving
- Access GV-AS100/ GV-AS110 / GV-AS120
- Route digital I/O controls from GV-AS100/ GV-AS110 / GV-AS120 to avoid tamper and enhance security level
- Support 4 GV-Readers and GV-GF Fingerprint Readers through RS-485 connection

### GV-ASBOX SPECIFICATIONS

|                        |   |                                |
|------------------------|---|--------------------------------|
| CPU                    | 8 bit RISC Microprocessor   |                                |
| Power                  | 100 ~ 240V AC, 50 ~ 60Hz  |                                |
| Reader Port            | 1 Wiegand interface,<br>1 RS-485 interface only for GV-Readers and GV-GF Fingerprint Readers (max. 4 readers) |                                |
| Wiegand Interface      | 1 Wiegand interface, 26 ~ 64 bit format<br>12V DC Power Supply, 200mA   |                                |
| Communication Protocol | RS-485  |                                |
| Digital I/O            | Input   | 8 inputs, dry contact, NO / NC |
|                        | Output  | 8 outputs                      |
| Operating Temperature  | 0~65°C / 32 ~ 149°F   |                                |
| Operating Humidity     | 10% ~ 90% RH (non-condensing)   |                                |
| Dimension (W x H x T)  | 214 x 206 x 48.5 mm / 8.43 x 8.11 x 1.91 in   |                                |
| Weight                 | 850 g / 1.83 lb   |                                |
| Certification          | CE, FCC, RoHS   |                                |
| Optional Products      |   |                                |
| GV-Battery             | 12V 5A Pb-battery   |                                |