



- Has 16 inputs and 16 outputs which can be used for custom applications to connect additional devices within the access control system
- Inputs can monitor contacts on readerless doors, motion sensors, push buttons, or other sensing devices
- Outputs can activate CCTV cameras, burglar alarm systems, lights, HVAC, parking lot gates, or other devices
- Single or multiple inputs can be assigned to trip single or multiple outputs – either open collector or optional form "C" relays – using any of the 7 different modes that include timers, delays, or pulsing
- Time zones can be assigned to activate and de-activate inputs or outputs
- Includes an enclosure with ample room to mount various IOCB1616 board configurations for flexible installation and wiring
- The access control unit communicates to the IOCB1616 boards via RS485 over twisted pair cable

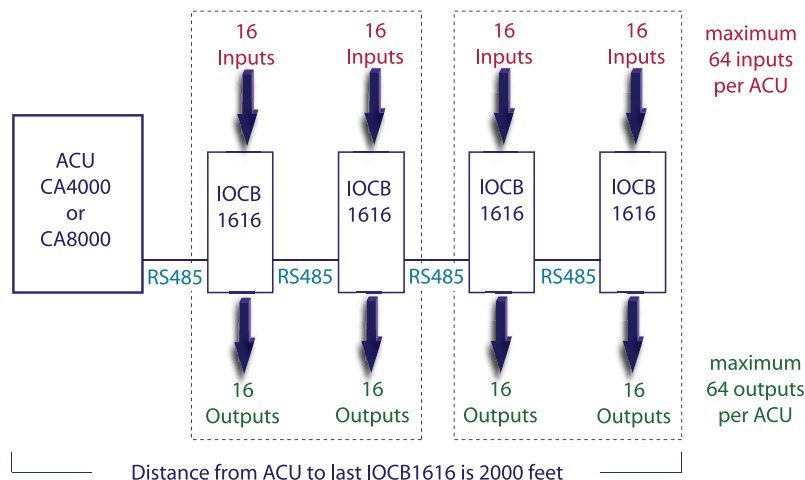
# IOCB1616

## Input/Output Control Board

### FEATURES AND BENEFITS

- IOCB1616 module has 16 inputs and 16 outputs
- Connect up to 4 IOCB1616 modules per access control unit for a total of 64 assignable inputs and 64 assignable outputs
- Input/output assignments are programmed via dedicated interface screens on System V Client software
- Permits "and" & "or" logic statements
- Selectable input settings – non supervised or digital, single end of line supervision, or double end of line supervision
- Add up to 2 optional OCB-8 relay boards for form "C" contact outputs
- IOCB1616 includes (1) standard Keyscan enclosure, (1) IOCB1616 circuit board, and (1) DPS-12 power supply
- Enclosure can accommodate up to two IOCB1616 circuit boards with up to 4 optional OCB-8 relay boards
- Compatible with CA4000 or CA8000 controllers only
- Additional modules (IOCB1616B – board only) are available

### APPLICATIONS



### SPECIFICATIONS

#### Power

IOCB1616 - 12 VDC, 100 mA board only,  
300 mA lock power limit  
DPS12 (AUX) - 12VDC Output, 1.2A

#### Cable Maximums

Maximum distance from ACU to last IOCB1616 is 2000 feet  
2-wire twisted pair

#### Dimensions

Enclosure - 20 1/4" (51.4 cm) H x 16 3/8"  
(41.6 cm) W x 5 5/8" (14.3 cm) D  
IOCB1616 – 10 5/8" (26.9 cm) x 3 9/16" (9.1 cm)

#### Environment

Suitable for commercial and industrial applications  
Relative Humidity: 0% to 90% R.H., non-condensing  
Operating Temperatures: -20° to 71° C (-4° to 160° F)  
Storage Temperatures: -20° to 85° C (-4° to 185° F)

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