






# Axiom V™



## CH-AX-UNC100-122S

### Universal Network Controller

|                           |  |
|---------------------------|--|
| Processor / Memory        | 32-bit Processor / 2MB   |
| Memory Capacity: Cards    | 50,000   |
| Event Log                 | 30,000   |
| Firmware                  | Flash  |
| Communications            | Built in TCP/IP, RS-485  |
| Com Ports                 | 1 RS-485 programmable  |
| Cable Requirement         | Shielded, twisted pair, 20 - 22 AWG; 4,000 ft (1,200 m) total  |
| On board Reader Ports     | 2 Wiegand ports with up to 5 concurrent card formats   |
| Audio/Visual Controls     | Red and Green reader LED, audible controls   |
| Cable Requirement         | Shielded, stranded 6 or 8 conductor, 20 - 22 AWG; Max 500 ft (150 m) @20 AWG   |
| Programmable Inputs       | 4 + Cabinet Tamper Input   |
| Circuit Types             | 4 State Monitoring   |
| Programmable Outputs      | 4 (2 relays + 2 voltage outputs)   |
| Relays                    | Form C relays, SPDT, 5 A @30 VDC, dry contacts; Fail Safe/Secure programmable  |
| Power : Current Draw      | 1.5 A @ 13.8VDC (backup battery charger requires 13.8 - 15VDC)   |
| Circuit protection        | Thermal - Power In, Power Out, Reader Power  |
| PoE (Optional)            | IEEE 802.3at compliant : 25.5W; Other : 30W  |
| Auxiliary Voltage Outputs | 12-14 VDC @ 500 mA   |
| Dimensions: PCB only      | 6" H x 5.3" W x 1.5" D   |
| Metal shell               | 7.75" H x 5.5" W x 1.5" D  |
| Operating environment     | Temperature: 0 to 70°C (32 - 158°F); Humidity: 20 to 85% RH (non-condensing)   |
| Certifications            |      |

\*Specifications are subject to change without notice.

#### Features:

- 2 Door Access Control Panel
- Enclosure with 2A Charging Power Supply
- Multi-swipe Functionality
- Distributive Processing, Built in Clock
- Connect via TCP/IP or RS485
- Flash upgradable Firmware
- 50,000 Cardholders & Access Levels
- 5 Card Formats per Panel Simultaneously
- Automation Links, Anti-Passback, Etc...
- Easy to use Cardholder Database
- Comprehensive Reports

#### Included in CH-AX-UNC100-122S kit:

- (2) Door Panel (TCP/IP ready)
- (4) Supervised Programmable Inputs
- (4) Programmable Outputs

#### Compatible Panels:

- RBH-NIRC-3000 2-Door Controllers
- RBH-NURC-2002 2-Door Controllers
- RBH-NURC-2004 4-Door Controllers

## Models Available

|      | PoE | 2 Door | UL Certified | Power Supply and Enclosure |
|------|-----|--------|--------------|----------------------------|
| 122M |     | •      |              |                            |
| 122S |     | •      |              | •                          |
| 122C |     | •      | •            | •                          |
| 132M | •   | •      |              |                            |
| 132S | •   | •      |              | •                          |
| 132C | •   | •      | •            | •                          |