



## AX-UNC 100 Series 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
Doors	2 Doors
On board Reader Ports	2 Wiegand ports or up to 2 OSDP ver. 1&2 readers
	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 open collector outputs)
	Relays Form C relays, SPDT, 5 A @30 VDC, dry contacts; Fail Safe/Secure programmable
Power :	Input 13.8VDC @1.5 A
	Circuit protection Thermal - Power In, Power Out, Reader Power
	PoE (optional) IEEE 802.3at compliant : 25.5W; Other : 30W
	Built in Backup Battery Charger From PoE
	Auxiliary Voltage Outputs 12-14 VDC @ 500 mA
Dimensions	Circuit board 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	

*Listings/certifications are product specific.  
Specifications subject to change without notice.*

The RBH-UNC-100 series is a welcome addition to the new generation of powerful and reliable Axiom hardware. The two door native TCP/IP controllers come equipped with onboard battery backup chargers and accommodate up to 16 individual IOC-16 input/output controllers or 254-SafeSuite keypads. The units are expandable to 8 doors, using 3 additional RC-2 or NIRC/NURC controllers. The UNC-100 also features a 32-bit processor with encryption and expanded memory. The UNC100-132 models come equipped with IEEE 802.3at compliant PoE capability, further increasing this UNC series' award-winning efficiency.

### PoE Features

- IEEE 802.3at Compliant
- 30 Watt power rating
- Built-in battery backup with charger
- Operates with non-compliant PoE+PSEs
- Available auxiliary power output



### Models Available

	PoE	2 Doors	Certified	Power Supply and Enclosure
122M		✓		
122S		✓		✓
122C		✓	✓	✓
132M	✓	✓		
132S	✓	✓		✓
132C	✓	✓	✓	✓