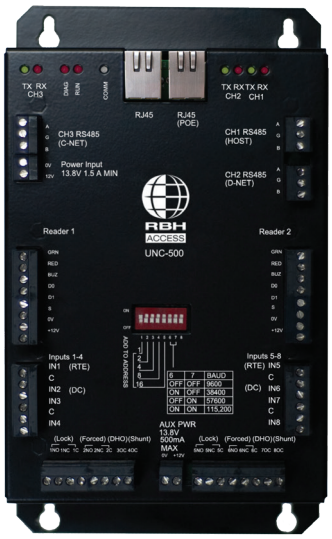

Axiom

UNC-500
Universal Network Edge Controller

Processor / Memory:		32-bit Processor / 2MB, 4MB or 8 MB
Memory Capacity:	Cards	50,000 - 300,000 (Depending on the model)
	Event Log	30,000 - 100,000 (Depending on the model)
Host Communications:		Built in TCP/IP, RS-485
Field Communications:		Fully programmable, multiple hardware configurations
	Ports / Circuit Type	1 or 3 (Dependent on model) RS-485 programmable (Supports OSDP, Wireless Locks, Etc.)
	Cable Requirement	Shielded, twisted pair, 20 - 22 AWG; 4,000 ft (1,200 m) total
Doors / I/O / Other:		8 (2-onboard) / 320 (16 onboard) / 254 SafeSuite Keypads
On board Reader Ports:		2 with up to 5 concurrent card formats each
	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:		8 + Cabinet Tamper Input
	Circuit Types	N.O. or N.C with no supervision, single or dual EOL supervision.
Programmable Outputs:		8 (4 relays + 4 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
Dimension:	Circuit board only	8" H x 5.3" W x 1.5" D
	Lockable Enclosure	14" H x 12" W x 3" D
	Metal shell	9.75" H x 5.5" W x 1.5" D
	19" Rack Mount	1.75" H x 19" W x 15" D
Operating environment:		Temperature: 0 to 70°C (32 -158°F); Humidity: 20 to 85% RH (non-condensing)
Certifications:		ETL FC RoHS CE UL Listings/certifications are product specific

Specifications subject to change without notice.

The new generation of our powerful and reliable Axiom hardware line extends functionality while reducing the size of the package. Utilizing latest developments in electronic component technology it packs more functionality and features into a smaller size without sacrificing serviceability.

Next generation 32-bit processor with hardware encryption and expanded memory, drastically increases the system capacity in doors, cards and history event log while opening exciting opportunities of new functionality.

Certain UNC-500 controller models come equipped with IEEE 802.3at compliant PoE capability. Augmented with onboard battery backup with the ability to bolster power output when necessary.

19" rack mount for IT style configurations or wall mount for more traditional installations, UNC-500 delivers a lot of features in an attractive package. Wall mount unit fits into existing enclosures and if ordered with metal protective shell can be mounted directly on back boards or inside of 3rd party cabinets. Compact rack mount foot print efficiently utilizes rack space to provide 2 or 4-door packages in a slim and functional design.

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Compare controller models :

Axiom

Model #	Housing	Ethernet	RS-485	Memory	Cards	History	Apps	NC-Net	D-Net	C-Net
UNC-500-200 Series: 2-Door Edge controller, 15 per panel network, each expandable to 8 doors + I/O^										
RBH-UNC-500-222M			3	2MB	50,000	30,000	Yes	Class "B"+	Class "B"+	No
RBH-UNC-500-232M		PoE	3	2MB	50,000	30,000	Yes	Class "B"+	Class "B"+	No
UNC-500-400 Series : 2-Door controller, 15 per panel network, each expandable to 8 doors + I/O *,^										
RBH-UNC-500-422M			3	4MB	100,000	50,000	Yes	Class "B"	Class "A","B"	No
RBH-UNC-500-425M			3	4MB	100,000	50,000	Yes	Class "B"	Class "A","B"	No
RBH-UNC-500-432M		PoE	3	4MB	100,000	50,000	Yes	Class "B"	Class "A","B"	No
RBH-UNC-500-435M		PoE	3	4MB	100,000	50,000	Yes	Class "B"	Class "A","B"	No
UNC-500-800 Series : 2-Door controller, 15 per panel network, each expandable to 8 doors + I/O *, **, ^										
RBH-UNC-500-822M			3	8MB	300,000	100,000	Yes	Class "B"	Class "A","B"	Class "B"
RBH-UNC-500-825M			3	8MB	300,000	100,000	Yes	Class "B"	Class "A","B"	Class "B"
RBH-UNC-500-832M		PoE	3	8MB	300,000	100,000	Yes	Class "B"	Class "A","B"	Class "B"
RBH-UNC-500-835M		PoE	3	8MB	300,000	100,000	Yes	Class "B"	Class "A","B"	Class "B"

* If one of the circuits (D-Net, NC-Net, C-Net) is configured as Class "A", remaining circuit (D-Net, NC-Net, C-Net) must be Class "B".
^Apps may include hard wire to Host, Bidirectional ASCII, etc.

**Replacing an NC-100 with a UNC-500-8xx requires the removal of one RC-2 (its functions will be performed by the UNC).

+NC-Net and D-Net are both supported configurations when used independently. ^ ^Replacement circuit boards are listed in the parts/price lists.

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