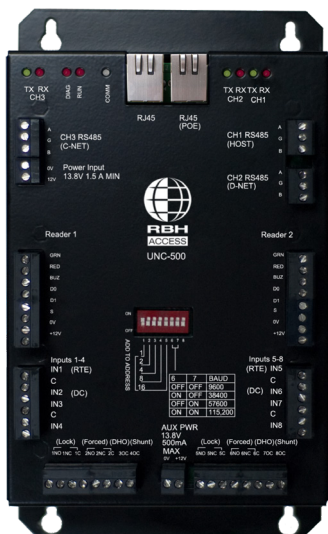


Axiom



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.

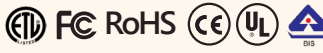
Next generation 32-bit processor with hardware encryption and expanded memory, drastically increases the system capacity in doors, cards and history event log while opening exciting opportunities of new functionality.

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.

UNC-500

Universal Network Edge Controller

Processor / Memory:	32-bit Processor / 2MB, 4MB or 8 MB and up to 512 MB flash memory
Memory Capacity:	Cards 50,000 - 500,000 (Depending on the model)
Event Log	30,000 - 100,000 (Depending on the model)
Server Communications:	AES 256 bit encryption, redundant communication between controllers and host.
Communication ports:	Fully programmable 3 RS-485 & 2 TCP/IP ports
Applications	OSDP, Wireless locks, E-Net, UNC-Net, D-Net
Cable Requirement	Shielded, twisted pair, 20 - 22 AWG; 2,000 ft (600 m), CAT-5 and up
Doors / I/O / Other:	Up to 16 doors, 320 I/O, 254 SafeSuite keypads
On Board Reader Ports:	2 Wiegand ports and up to 8 OSDP ver. 1&2
Formats	5 concurrent formats per reader, up to 128bit data
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 state fully supervised 8 inputs + 1 cabinet tamper
Programmable Outputs:	8 (4 relays + 4 o/c outputs), form C relays, SPDT, 5 A @30 VDC
Power:	Input Power 1.5 A @ 13.8-14.5VDC, 12 volt backup battery
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:	 Listings/certifications are product specific Specifications subject to change without notice.



RBH-UNC-500-422C




























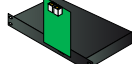
















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Compare controller models :

Axiom

Model #	Housing	Ethernet	RS-485	Memory	Cards	History	Apps	UNC-Net	E-Net	D-Net
UNC-500-200 Series: 2-Door Edge controller, 15 per panel network, each expandable to 8 (16) doors + I/O										
RBH-UNC-500-222M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
RBH-UNC-500-232M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
UNC-500-400 Series : 2-Door controller, 15 per panel network, each expandable to 8 doors (16) + I/O										
RBH-UNC-500-422M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
RBH-UNC-500-425M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
RBH-UNC-500-432M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
RBH-UNC-500-435M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
UNC-500-800 Series : 2-Door controller, 15 per panel network, each expandable to 8 (16) doors + I/O										
RBH-UNC-500-822M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
RBH-UNC-500-825M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
RBH-UNC-500-832M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"
RBH-UNC-500-835M							Yes	Class "B"	Yes TCP/IP	Class "A", "B"

Decode model numbers : RBH-UNC-500-XYZ

X- Memory :

2 - 2 MB 50,000 Cards / 30,000 Events
 4 - 4 MB 100,000 Cards / 50,000 Events
 8 - 8 MB 300,000 Cards / 100,000 Events

Y - Power Type :

2 - Conventional: 13.8-15VDC @ 1.5A
 3 - Power over Ethernet (PoE) :
 IEEE 802.3at compliant : 25.5W; Other : 30W

Z - Enclosure/Mount Type :

2M - Metal Shell Surface Mount
 2S - Metal shell mounted in ENCL1 with P.S.
 2C - Certified Metal shell mounted in ENCL1 with P.S.
 5M - Circuit board ONLY (for 19" Rack Mount)

Option to increase capacity using Extended Memory is available on all models (i.e. RBH-UNC-500-422M-EM)



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