AxiomV

UNC-500 FT-8R-RM

UNC-500-FT-8R-RM

Shown in multiple controller rack

High Density 32-Door PoE Fault Tolerant Controller

The UNC-500-FT-8R-RM is an IT centric enterprise class, 32 door non server dependent access control panel that is fully compatible with RBH's award winning AxiomV enterprise edition integrated access control security solution. Taking up a mere 1U of rack space on a standard 19" rack, this high density ACP is fully network fault tolerant and incorporates energy efficient components resulting in a +20% reduction of overall energy consumption.

With unparalleled expandability the UNC-500-FT-8R-RM can be configured to create a self sufficient network of 240 doors and 4,320 fully programmable I/Os. Incorporating the latest generation 32 bit processor and RAM the UNC-500-FT-8R-RM is capable of downloading a typical full enterprise sized database in less than two minutes (an industry first).
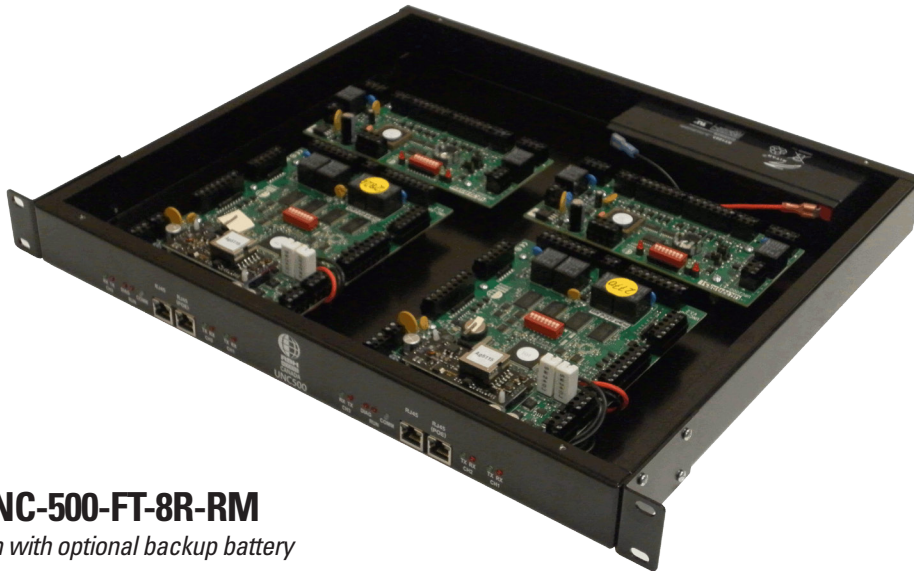
To put all of the above in perspective even if the AxiomV server were to be offline it is possible to fully execute global dynamic lockdowns, global directional rule based antipassback, global events, global enhanced fully supervised multiple door mantraps ("Sally Ports") and many more advanced functions including but not limited to multiple area occupancy counting & 3rd party bidirectional hardware integration, simultaneously over all of the 240 doors and the 4,320 I/Os.

The basic configuration of the ACP Includes 4 native embedded TCP/IP network ports, 8 Wiegand reader ports (each port can be configured for up to 5 concurrent Wiegand card formats from the available +50 formats), 2 fully programmable RS-485 application communication ports, 24 programmable inputs & 24 programmable outputs. The ACP is powered via PoE (max. 25W per port) and/or external 12VDC power supply (up to two power supplies are permitted for added redundancy) and accommodates dual backup batteries. The unit includes dual onboard PoE battery chargers. The RS485 ports can be configured to control up to 28 wireless locksets.

RBH ACCESS

UNC-500-FT-8R-RM
Shown with optional backup battery

Specifications:

*Specifications are subject to change without notice.

Memory Capacity :	Cards: 100,000 Event Log: 100,000
Firmware :	Flash
Embedded Communication Ports / Circuit Type :	4 x TCP/IP, 10/100 Ethernet (2PoE) / 6 x fully programmable RS-485
Communication Cable Requirement :	Cat5e, Shielded, twisted pair, 20 - 22 AWG; 4,000 ft (1,200 m) total
Wiegand Reader Ports :	8 onboard with up to 5 concurrent card formats each (expandable to 16) Control Reader Piezo and Red & Green LEDS
Wiegand Reader Cable Requirement :	Shielded, stranded 6 or 8 conductor, 20 - 22 AWG; Max 500 ft (150 m) @ 20 AWG)
Wireless Lockset :	Programmable to accommodate up to 28 fully supervised wireless locksets*
Wiegand Reader Cable Requirement :	Shielded, stranded 6 or 8 conductor, 20 - 22 AWG; Max 500 ft. (150 m) @ 20 AWG)
Programmable Inputs :	24 (expandable to 40)
Input Circuit Types :	N.O. or N.C with/without single / dual EOL supervision.
Programmable Outputs :	12 relays & 12 voltage outputs (expandable to 20 relays & 20 voltage outputs)
Relay type :	Form C relays, SPDT, 5A @30 V AC/DC, dry contacts; Fail Safe/Secure programmable
Voltage Outputs :	Open collector electronic drivers, 12 VDC @ 100 mA MAX
Additional I/O :	Fully programmable & expandable to 4,320
Integrated Alarm Panels :	Add up to 508 four zone LCD SafeSuite Keypads
Tamper Inputs :	2 Cabinet Tamper Inputs
Power :	Current Draw : 1A @ 12 VDC max
PoE :	Dual Redundant High Power PoE Decoders (25W each)
Circuit Protection :	Resettable Thermal Fuses - Power In, Power Out, Reader Power
Dimensions:	19" Rack Mount : 1.75" H x 19" W x 15" D
Operating Environment :	Temperature: 0 to 70°C (35 -150°F); Humidity: 20 to 80% RH (non-condensing)
EXPANSION:	UNC-500-FT-8R-RM-EXP KIT adds 8 Wiegand reader ports, 16 programmable inputs and 16 programmable outputs to each UNC-500-FT-8R-RM.

* Please contact your local RBH representative for wireless lockset compatibility and configurations