IC 500NX - Intelligent Single Door Controller

The IC500NX controller offers an entry level access control solution for small and medium installations. The cost effective security solution for doors and parking also benefits from the powerful features of the GuardPoint Entry software.

Key Features

- 1 door/ 2 reader networkable controller
- 5,000 card holders standard (upgradable to 8,700)
- Optional built in TCP/IP interface
- 4 inputs, 3 outputs
- Compatible with many types of reading technologies
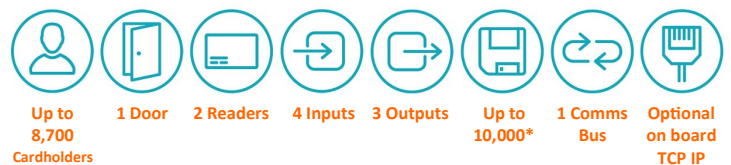- FLASH upgradable memory
- Full LED diagnostics

The 2 reader /1 door controller supervises up to 8,700 card holders and 10,000 events in memory. It comes with 4 inputs and 3 outputs. In addition an alarm can be triggered if a cable is cut.

Communication with the host is ensured via the RS232 or RS485 communication bus or via the built in TCT/IP interface (IC500NX-IP+ only)

The elaborate access control capabilities include daily and weekly programs, holidays, security levels, escort and anti-passback

The alarm management functions supervise local and global reflexes, unsuccessful attempts, door alarm, duress alarm etc.

The controller is easy to use. The system can be installed in a matter of minutes. Programming is simple. Flash memory allows easy firmware upgrades. The use of removable connectors will greatly ease system installation. The IC500NX takes independent decisions at the local level such as door opening or outputs / reflexes triggering, without any computer intervention

Up to 8,700 Cardholders	1 Door	2 Readers	4 Inputs	3 Outputs	Up to 10,000*	1 Comms Bus	Optional on board TCP IP

* Expandable dependant on cardholders

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Technical Specification

Controller Specification

Number of Doors	1
Number of Readers	2
Relay Outputs	3
Alarm Input	4
Event History	10,000
Card Holders	8,700

Physical

IC500 E2	260(H) x 315(W) x 85(D)mm
IC500IP E2	260(H) x 315(W) x 85(D)mm

Environmental

Operating Temperatures	-10°c to +55°c

Electrical

Power Supply	12vDC
Input Current (TCP/IP)	370mA @ 12vDC
Battery Backup	12vDC 7.2Ah
Available Current PSU	2 Amp @ 12vDC

Operational

Communication	RS232, RS485, TCP/IP

Part Numbers

IC500NX E2	2 Reader Controller for 1 door inc 2 Amp PSU
IC500NX-IP E2	2 Reader Controller for 1 door with IP inc 3 Amp PSU

Typical Applications

- Small to Medium Access Control Solutions
- Education Facilities
- Commercial Solutions