

Products

- CCTV
- Access Control
- ANPR
- Visitor Management
- Panic Alarm Systems
- Interview Recording

Markets

- Marine
- Oil & Gas
- Law Enforcement
- Parking
- Security



PoE Door Controller

Access Control

DC700IP

Paragon Security's 2-Door door controller uses Power over Ethernet technology to power equipment where it is inconvenient, expensive or not possible to provide a mains power outlet at the door. Power and data are supplied across standard CAT5e/6 structured cable systems. The power management chipset employed (IEEE 802.3 PoE+) is designed for Power over Ethernet applications, providing protection against short circuit, polarity reversal and accidental connection PoE non-compliant equipment.

The 2-Door door controller can support most electric strikes and locks as well as sets of double magnetic locks. In some applications where there is insufficient energy deliverable down the CAT5e/6 cable to power the releases (electric bolts and some electric older releases and magnetic locks that demand more than the 1 Amp at 12 Volts DC that can be supplied from each of the door controller's two outputs), the door controller and associated equipment can be powered from a local 12 Volt DC power supply.

The 2-Door device delivers cost, energy and performance benefits to the user. Cost benefits include less equipment to install leading to faster installation and cost savings from eliminating the requirement to install local mains power spurs, power supplies, back-up batteries and equipment containment at every door. This solution also consumes less energy and therefore generates significant cost savings over the life of the system.



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Features

- Manages power and data supplied in a CAT5 cable from a standard PoE switch.
- Monitor door status (Door Open, Lock Status and Request to Exit button) and redirects to central database.
- Delivers power to electric door locks, magnetic locks, strikes, turnstiles.
- Small footprint design
- Delivers Data and Power to one or two Doors (including electric locks) over a single 100 metre run of CAT5e/6 cable
- Supports two independent doors, each with IN and OUT card readers and electric lock
- Support for one door with IN and OUT card readers, electric lock and audible alarm or alarm circuit shunt output
- Support for two door interlock/airlock/mantrap only permitting one door at a time to be opened
- Optional Local 12v Power Connection
- Quick Press fit Terminal Connectors for a speedy installation
- Six Digital Inputs, each with 4 state monitoring
- Reprogrammable Firmware with Software Updates delivered over the LAN
- The door controller holds a library of up to 64,000 biometric templates
- The fingerprint reader head compares the live finger to verify that the presenter of the card or PIN is the true owner.

Technical Specifications

DC700IP

Max cable length	100m
Lock outputs	Maximum 2 each with 1A, 12vdc
Event reporting	Door unsecure, door forced, tamper, egress made (handle or push to exit)
Communication	IP 100m Cat5/6
Protection	Use housing for external use
Power	PoE 802.3af or 12vdc; Max 30W 48V
Operating Temperature	-20°C to 60°C
Operating Humidity	10% to 80% noncondensing
Dimensions (L*W*H) mm	90 × 70 × 30
Weight (kg)	200g

For more information on any of our products or services please contact:

Paragon Security Limited

Unit 14, Bentalls Business Park, Colchester Road, Maldon, Essex CM9 4GD UK
 +44 (0)1245 210914
 info@paragon-security.com
 paragon-security.com