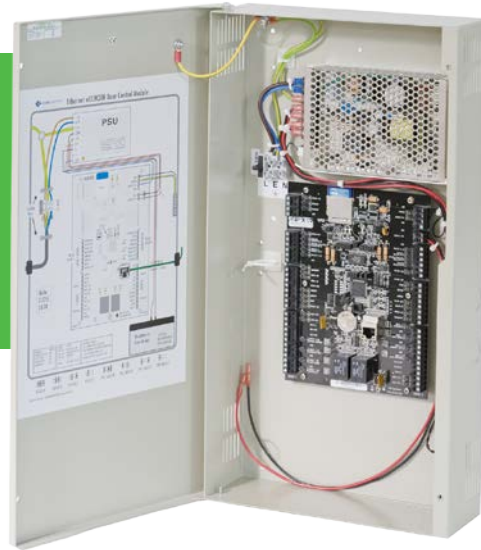


# eDCM 300

## Intelligent Two Door Controller



### Features that make a difference:

- Support for two doors
- On-board 10/100 Mbps Ethernet
- Communicates directly with the central system
- Structured database allows storage of large amounts of cardholder records for off-line card validation
- Reader communications via standard Wiegand or Mag Stripe interfaces
- Eight supervised inputs (four available per door)
- Two relays (normally opened or closed) and open collector outputs
- Self resetting fuses – saves maintenance time
- A supervised input can be mapped to a physical output
- Onboard LED - provides visual status
- Dedicated tamper input

The eDCM 300 (Door Control Module) is a low cost, two-door controller designed to interface third-party read heads with the CEM range of access control systems.

The eDCM 300 has an on-board 10/100 Ethernet connection and communicates directly with the AC2000 central system. Using a powerful 32bit processor, the eDCM 300 gives full off-line validation and decision making capability at the point of entry, when host communication is not available.

The eDCM 300 supports most third-party access control read heads conforming to the physical Wiegand/Mag Stripe (data/data, clock/data) interfaces, covering a range of technologies from RF Proximity to Biometric devices.

The eDCM 300 supports two door configurations. It can either be configured for two read heads on two separate doors, with optional Exit push buttons, or can be configured to support two reader heads (an Entry/Exit configuration) for bi-directional control on a single door.

### On-board Card Reading Technologies

The eDCM 300 supports a wide range of head technologies using the two available on-board Wiegand connections. Supported card technologies include Wiegand 26bit, CEM 37bit, Mifare, Corporate 1000 and many more.

### Off-line Card Validation

The card database is initially downloaded to the reader's memory from the host computer with subsequent changes to card data automatically sent as updates. This ensures that the reader has up-to-date card information when operating in off-line mode. While operating in off-line mode, the controller can hold 200,000 cards and store 50,000 transactions.

### Easy to Install

The eDCM 300 is designed to be extremely easy to install. The installer simply enters the units preconfigured IP address on the AC2000 workstation, provides it with power, connects to an Ethernet network and the reader self configures and receives up to 50,000 cardholder database in under 2 minutes.

