



# NUVEQ SMART IOT CONTROLLER

CLOUD-BASED ACCESS CONTROL SYSTEM | MOBILE ACCESS

## EP - 3000C



### SIMPLE TO INSTALL

- No servers, workstation required
- Doors come online and configure in minutes
- No added software or complexities like port forwarding
- Centralized management for seamless access anywhere

### READY FOR SCALE

- Cloud-based platform has no door/user limits
- Scale to thousands of doors across all locations
- No need to create virtual networks to sync access across sites

### ADVANTAGES OF CLOUD-MANAGED SOLUTION

- Secure remote access on any device anywhere
- Continuous updates with new features
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs

## NEXT-GENERATION ACCESS CONTROL

EP-3000C Access combines enterprise-grade access control with a powerful, cloud-based management platform for a solution that's always simple, secure, and ready for scale.

Starting with Nuveq's Smart Controller, users are able to bring plug-and-play simplicity to managing doors and access across their organization. Smart Controllers work with your building's existing door hardware and readers.

Once doors are connected, they're ready to be managed from any device via Nuveq Cloud Management Portal. The Nuveq Cloud Management Portal allows you to easily manage building access, schedules and users. Integration to active directory platforms ensure that employees are automatically configured, onboarded and offboarded.



Google Cloud



## SPECIFICATIONS

### ARM Cortex M4 controller

- 150 MHz core clock
- 1Mb Program Flash Memory
- 192k SRAM

### 10/100 Ethernet Port

- Dynamic IP from DHCP server
- Guaranteed globally unique MAC address
- Plug and play seamless auto connection & reconnection to the cloud.
- No individual network configuration required for every controller.
- ESD protection on Network port pins.

### Realtime Clock

- Battery backed (CR2032) to ensure time keeping if controller is switched off.
- Automatic time synchronization from the cloud
- Automatic adjustment for different time zones worldwide.

### Large card and transaction database

- 130,000 card users
- 130,000 transaction buffer.

### Flexible access options

- 65535 Access levels (overlapping access levels allowed)
- 256 weekly time zones
- 256 daily time sets, each with 4 intervals

### Serial ports

- 3 RS485 serial ports, protected against surges, over-voltage and ground faults

### Card reader ports

- 2 Wiegand card reader ports, supporting Wiegand 26/34/44 bit card readers
- 4 BLE Reader by RS485
- Serial reader support for readers with extended functionality or custom functions

### Inputs

- 2 door sensor inputs
- 2 REX pushbutton inputs
- 4 general purpose inputs
- Buffered inputs to provide high noise immunity
- Expandable with EP-16IO board

### Outputs

- 4 Relay outputs, switchable to NO or NC operation.
- 2 card reader LED outputs.
- 2 card reader Buzzer outputs.
- Expandable with EP-16IO board up to 256

### Operation modes

- Single door mode
  - with Entry reader and Exit reader or pushbutton
- Two door mode
  - with Entry reader and Exit push button
- Elevator mode
  - Single or dual reader. 4 on-board relays for low rise applications or expandable up to 80 floors with add-on EP-16IO board
- Barrier mode
  - Two barriers for turnstile, flap barrier or carpark applications

### Expansion options

- Serial expansion boards
- 2 plug-in modules for additional functionality (4G/Wifi Module)

### Additional Specification

- 11 -14.5v DC operation.
- On board buzzer for troubleshooting and local indication.
- Resettable fuses protection on incoming power supply and card reader ports

[NUVEQ.NET](http://NUVEQ.NET)



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