

## XP-QNET-GAC-CA

### IP Based Global Anti-Passback Controller



### Product Description

MicroEngine XP-QNET-GAC-CA controller offers a clustered Global Antipassback Access Control features for selected controller. With QNET-GAC-CA, it has Real-Time Location Update where it centralizes look up device with immediate location info update. Readers at other doors immediately obtain the latest location info of the card user. No waiting time is required for data synchronization between controllers.

### Product Features

#### Multi-Controller Support

Each XP-QNET-GAC-CA is programmed to support up to 16 controllers (GAC Client). Max. 128 doors per cluster. Supported controllers for GAC Client are XP-Q1300i-CA25, XP-Q2300i-CA-CP and XP-QNET5-CA. Each cluster can support multiple selected controller model. Optional Feature to Nesting Access Control.

#### Global Anti-Passback

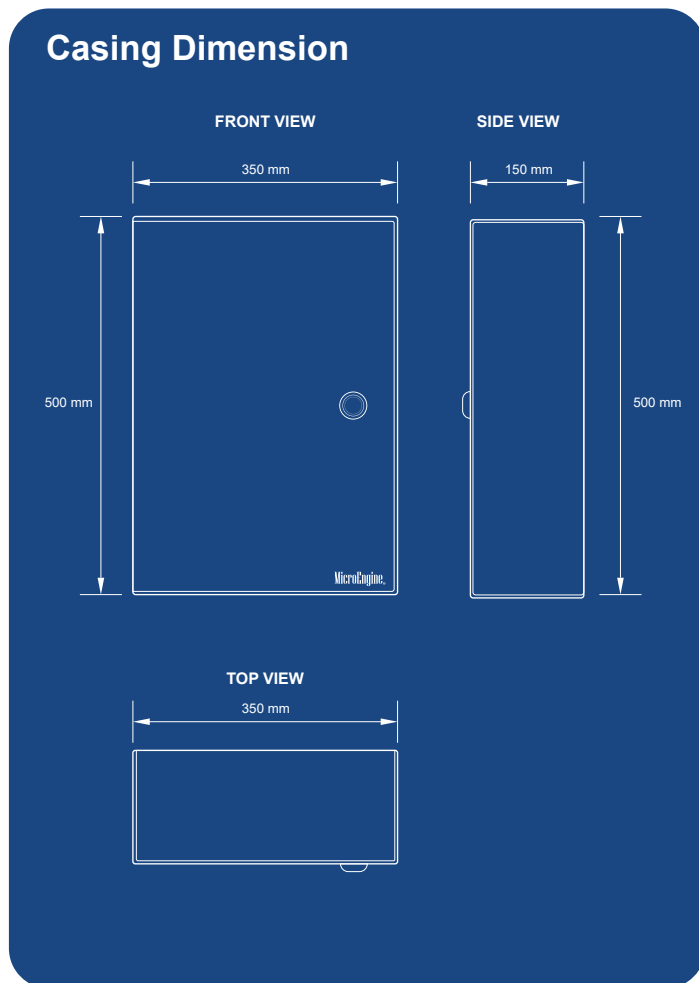
Prevent the same card from being used to gain access in the same direction twice. For the same access card, entry must be coupled with exit before the controller grants entry again. Anti-Passback can be configured on doors, barrier gates and turnstiles, with aim to prevent someone from using card to enter the facility and then handing the same card to another user to gain repeated entry.

### Product Specification

Processor	ARM 32-bit RISC
FLASH Memory	512 KB
Data Memory	Up to 256 MB
RAM	2 X 8 MB (SRAM)
Communication	TCP/IP
IP Encryption Strength	AES 256
Input Supply	230VAC 50 / 60Hz
DC Power Supply	12VDC @ 2A
Battery Backup	12AH sealed lead acid
Dimension	500 mm (H) x 350 mm (W) x 150 mm (D)
Enclosure Material	Mild Steel
Weight	2.9kg
Power Requirement	12V @ 180mA (Base Board Only)

# Data Sheet | Controller

## Product Dimension



## Ordering Information

### XP-Q1300i-CA25

1 Door Network Controller. Max 2 RS485, In & Out Readers Connection. TCP/IP Uplink. AES-256 Encrypted IP. 1 Relay Output & 4 Inputs. 30,000 Users, 50,000 Event Transactions. Din Rail Type.

### XP-Q2300iCA-CP

2 Door Network Controller. 4 RS485 In & Out / 2 Weigand Reader Connection. TCP/IP Uplink. AES-256 Encrypted IP. 2 Relay Outputs & 4 Inputs. 30,000 Users, 50,000 Event Transactions. Power Supply & Back Up Battery. Metal Enclosure.

### PLATO-M82-CA

Advanced Multi-Format 13.56 MHz ISO14443A/B Reader Supports MIFARE Classic / DESFire. Encrypted RS485. Reads CSN and Encrypted Profile ID. ABS casing. MCMC certified.

### xPortalNetHSv2.0PS-CA

xPortalNet v2.0 High Security Platform AES 256 Software.

## Related Product

- ▶ XP-Q1300i-CA25
- ▶ XP-Q2300iCA-CP
- ▶ PLATO-M82-CA
- ▶ xPortalNetHSv2.0PS-CA