



The AI-Gate

The new AI-Gate is an innovative access control system consisting of barrier gates with integrated ANPR (Automatic Number Plate Recognition) cameras.

The next generation of Access Control

AI-Gate

The AI-Gate is a vehicle access control system consisting barrier gates with integrated ANPR (Automatic Number Plate Recognition) cameras. The ANPR cameras can identify vehicle number plates quickly and control the access accordingly, which permits vehicle flow much more efficiently. The AI-Gate can be suited to meet the requirements in a number of car parks such as in hospitals, schools, offices, industrial estates and distribution sites, and enables vehicle entry or exit in less than a few seconds.

INNOVATIVE ACCESS CONTROL

The ANPR system can identify car number plates instantly and permit vehicle access / egress more efficiently as it eliminates the need for various cards, tickets, tokens, or a manned kiosk, thus saving time, money and being more environmentally friendly.

With the combination of the Barriers and Cameras the Back Office software which uses ANPR technology to implement automatic control and management of the

parking lot provides convenient and reliable services for parking management.

KEY FEATURES

This basic solution can be applied to a variety of non-payment parking situations, including hospitals, schools, businesses or private car parks.

With all these features included:

- ANPR camera
- Light sensor and LED flood light
- Barrier with inbuilt protection

- Intergrated Intercom
- Hand-held control for support staff
- Dual Radar Detection
- Anti-Smash Technology

This makes for a very versatile solution that can be tailored to suit the numerous demands for ever-changing parking solutions in the foreseeable future.

THE AI-GATE BACK OFFICE FEATURES

- Permit management
- Remote barrier control
- Intercom to speak with drivers
- ANPR camera monitoring
- System reporting
- Dashboard statistics

As a web based application, AI-Gate Back office doesn't require a special Workstation PC. Any commercial PC or laptop can be used to administrate the system. All you need is a standard web browser and a network connection to the server. This can be through a LAN or WLAN.

The Back Office dashboard shows an overview of the car park or parking lot which can then be interrogated further.

Multiple car parks are shown on the dashboard accordingly.

The system shows real-time videos of the entrance and exit cameras to allow for car park monitoring.

The system schematic offers an overview of all devices connected to that system and their current status of operation.





ANPR Camera for automatic entry / exit



Anti-Smash Radar



Stand alone or Intergrated with parking systems

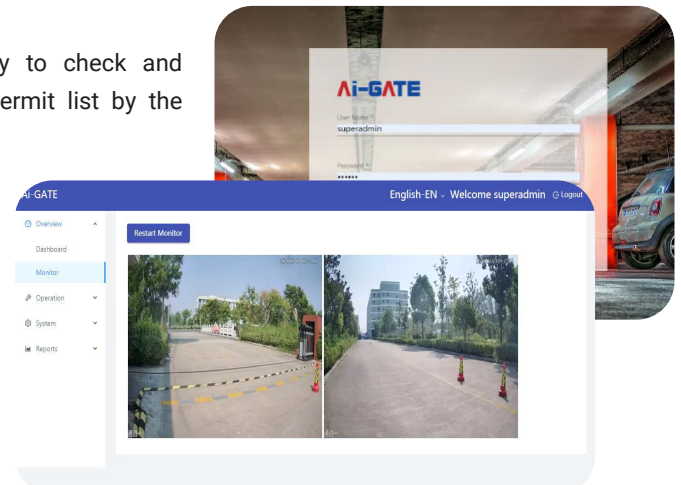
REMOTE OPERATION

The AI-Gate system also provides controls to operate barriers remotely for connected devices via the Open or Close command. For example if the exit barrier is closed, the operator can click the open button to lift the barrier, the status on the device will change to "Open".

PERMIT LIST

AI-Gate offers the ability to check and modify the items of a permit list by the following parameters

- Car Park
- Voucher
- Voucher Type
- Car Owner
- Available Date



PAYMENT OPTIONS

The AI Gate also has the option of being linked to the Metric suite of parking payment terminals offering contactless or cash payment solutions if required, adding vehicle plates to the permit list for the duration of the transaction purchased.

- The Payment terminals accept all contactless payments including mobile payment systems like Apple Pay & Google Pay
- Enhance the parking experience by rewarding customer loyalty with voucher scanning technology

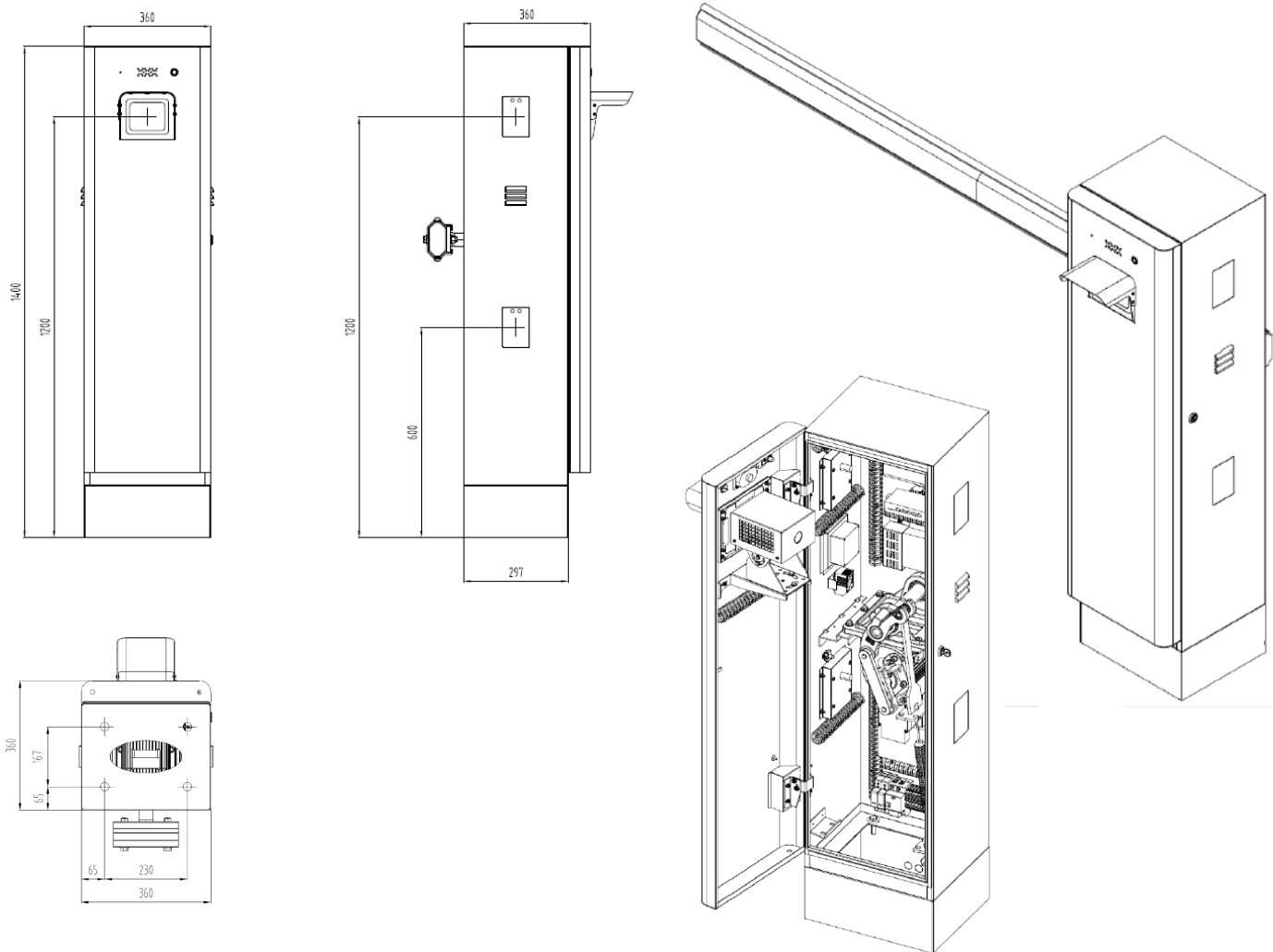


AI Gate vehicle detection and barrier opening

Size (HxWxD)
<ul style="list-style-type: none">Cabinet - 1200mm x 360mm x 360mmPlinth Option 1 - 200mm x 360mm x 360mmPlinth Option 2 - 150mm x 360mm x 360mm
Housing
<ul style="list-style-type: none">1.5mm SUSHigh Impact resistance
Weight
<ul style="list-style-type: none">approx 73Kg
Protection
<ul style="list-style-type: none">IP54
Mains Power
<ul style="list-style-type: none">220V AC / 50HZOptional 150W Heater
Operating Temperature
<ul style="list-style-type: none">-15°C to +60°C

Humidity
<ul style="list-style-type: none">Up to 90% humidity
Boom Specification
<ul style="list-style-type: none">Length 3m - 6mOpening / Closing Speed: 3s ~ 6sUniversal Positioning - Left or Right Opening
ANPR
<ul style="list-style-type: none">Intergrated ANPR CameraAI Learning to >98% AccuracyIntergrated Fill LightUK/EU Plates plus others on request
Intercom
<ul style="list-style-type: none">Intergrated
Vehicle Detection
<ul style="list-style-type: none">Dual radar detectionRemoves need for loop sensors

Anti-Smash Radar
<ul style="list-style-type: none">Yes
Durability
<ul style="list-style-type: none">Upto 10 years
Colours
<ul style="list-style-type: none">Standard - Grey and BlackCustomised colour options available
Back Office
Hardware requirements:
<ul style="list-style-type: none">Processor Intel® Core(TM) i5 7200U CPU @ 2.50GHz 2.70 GHz or higherMemory 8 GB RAM (minimum)Hard Disk 250 GB HDD (minimum)Operating System Windows
UKCA / CE mark



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