



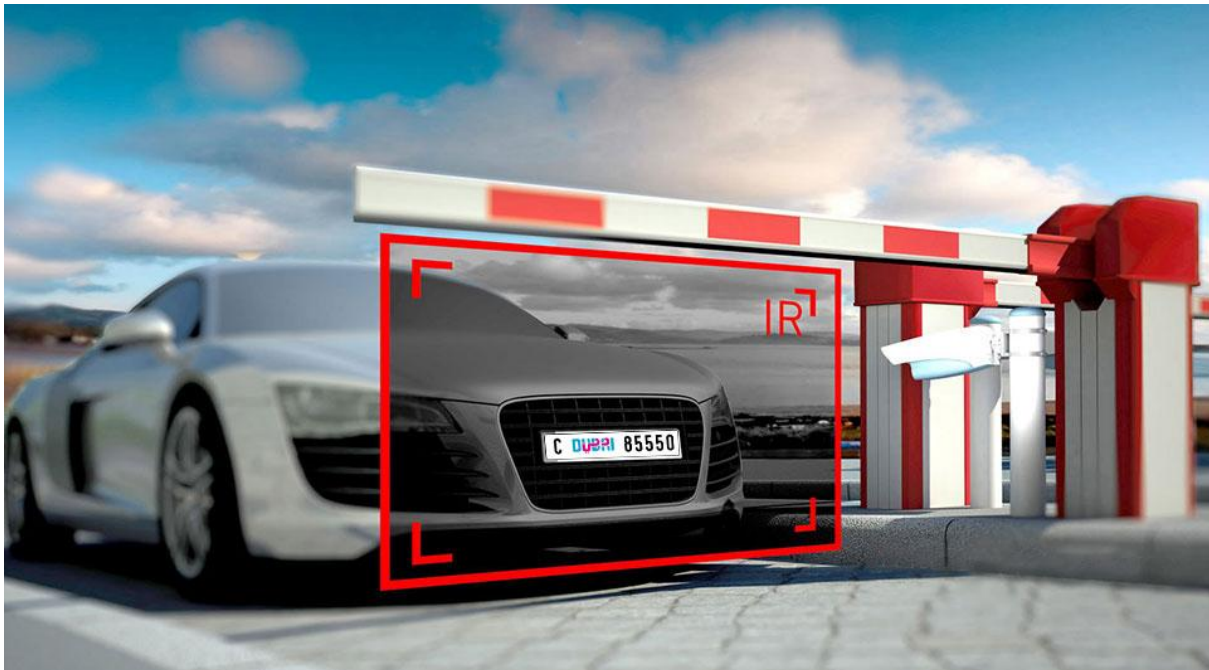
Design & Production

MTP Traffic sign



Solar Traffic Sign

MTP Gate Barrier Access System (ANPR)



Introduction

The MTP Gate Barrier system is installed where only authorized cars are granted access to the premises.

Gate Barriers control the vehicle access at entry and exit gates. This Mean only authorized visitors and vehicles are allowed to enter your premises.

As the vehicle approaches the access control boom barrier, sliding gate, the vehicle is authenticated via its number plate.

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The number plate is then be compared against a recorded list of authorized vehicles, if there is a match against a recorded list then the boom barrier is automatically lifted and hence the vehicle will be granted access.

If the number plate fails authentication against the recorded list, then the vehicle does not get the access, in such a case the number plate of that vehicle can be registered and then be allowed to enter.

Our solution for access control is widely used in:

- Residential
- Parking Lots
- Malls
- Tolling with barrier

Product is included in Gate Barrier Access System:

- Gate Barrier
- Camera
- Mini-PC
- Monitor
- MTP Gate Barrier Access System Software

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Parts of Gate Barrier Access System:

- 1-ANPR
- 2-Gate Barrier

Explanation

ANPR,



ANPR Systems (Automatic Number Plate Recognition) is a mass surveillance method that uses optical character recognition on images to read the license plates on vehicles.

ANPR is a type of software that automatically reads vehicle number plates as they approach, allowing these details to be compared against database records.

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Automatic Number Plate Recognition (ANPR) is a highly accurate system capable of reading vehicle number plates without human intervention.

We also offer customized ANPR software solutions according to customer needs.

The Advantages of ANPR

- Efficiency and Reliability
- Easier Management of Resources
- Enhanced Security & Safety
- 24/7 Systems
- Accuracy of Real-Time Analytics
- No Tags and Card Needed

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Camera Key Features

- Up to 8-megapixel high resolution
- Max. 3840 x 2160 @20fps
- 2.8 mm/4 mm/6 mm/8 mm/12 mm fixed lens, optional
- H.265, H.265+, H.264+, H.264
- 3D Digital Noise Reduction
- 120dB Wide Dynamic Range
- 12 VDC & Poe (802.3af)
- IR range: up to 30 m
- Support on-board storage, up to 128 GB
- IP67



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2-Gate Barrier



A gate barrier system is generally used to allow or block the vehicular access, it is also known as a parking barrier system. Vehicle barrier system are generally installed on parking facilities, checkpoints, entrance and exits in order to restrict areas and the control passage through toll booths, another specialty of this barrier is high response time which requires only two seconds to rise the arm to allow the vehicle to enter the parking.

Gate Barriers are used to authorized every type of vehicle access in car parks, hotels, shopping malls, hospitals, parking facilities, as well as other type of small or large public facility in order to get convenient security system.

This Model boasts fast four-second opening time and capacity to be used intensively. This makes it perfect for busy smaller sites or any environment with a flow of controlled traffic. The unit is U-Link compatible, which allows users to program it from a single PC platform. This is invaluable when managing a site with multiple points of entry.

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Gate barriers are made from best quality material so one can use it for a longer period and because of its water-resistant quality it is ideal for using in any weather condition.

Technical Specification (Gate Barrier)

Environmental Condition	From 14 deg F to 130 deg
Absorbed Power	0.4 hp (300W)
Thermal Protection	Integrated
Cycle	Opening / Closing Time: 8 Seconds
Lock	Mechanical Opening / Closing
Limit Switches	Electric, Incorporated, Adjustable
Charge Controller	Rigel 4 VIR (Incorporated)
Power Supply	120 V, 60 Hz Single-Phase
Manual Release	Fast release with personalized key

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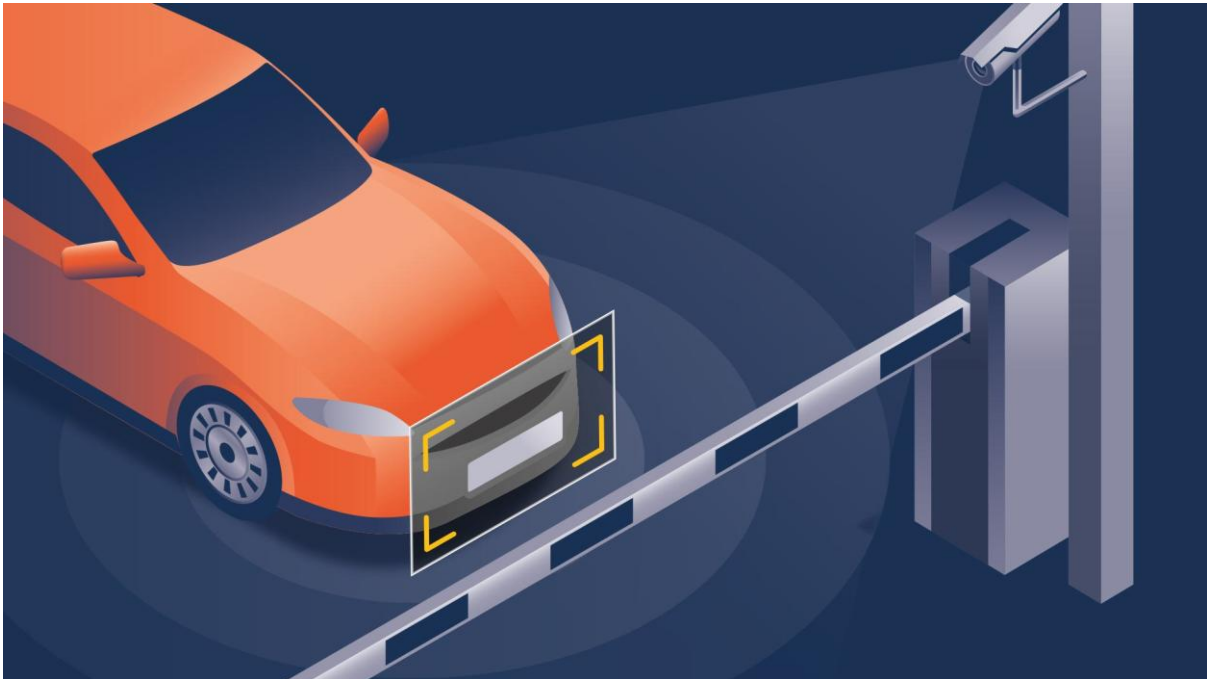
Technical Specification (ANPR)

Mini PC	<p>6th generation Intel Core i5-6260U Intel Iris graphics 540 Up to 7.1 surround audio via HDMI and Mini Display Port Internal support for M.2 SSD card (22x42 or 22x80) Internal SATA3 support for 2.5 HDD/SSD (up to 9.5mm thickness) Intel Wireless-AC 8260 M.2 soldered-down, wireless antennas (IEEE 802.11ac, Bluetooth 4.1, Intel Wireless Display 6.0) 19V, 65W wall-mount AC-DC power adapter multi-country plugs (US, UK, EU, AU) Memory-Dual-channel DDR4 SODIMMs, 2133 MHz, 32GB maximum (16GB Kingston HyberX 2x8)</p>
Camera Lens	<p>2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50° 8 mm, horizontal field of view: 40° 12 mm, horizontal field of view: 23°</p>
Software	<p>MTP ANPR Software Image Processing Saving plate number</p>
ANPR	MTP Automatic Number Plate Reader
Image Sensor	1/ 2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.01 lux @ (F1.2, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Network Storage	Support microSD/SDHC/SDXC card (128G) local storage, NAS (NFS, SMB/CIFS), ANR
General Function	One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port

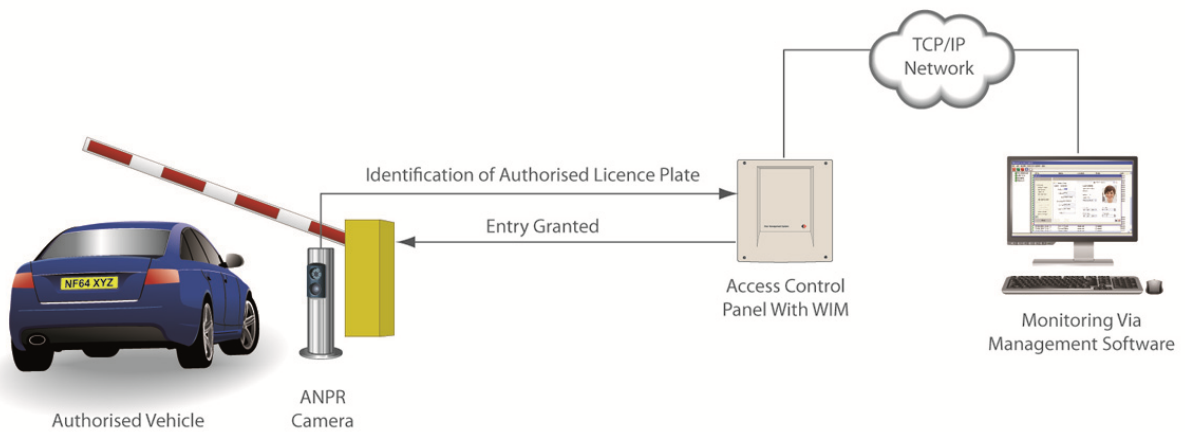
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<p>On-board Storage</p>	<p>Built-in microSD/SDHC/SDXC slot, up to 128 GB</p>
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Automatic Number Plate Recognition



Gate Barrier Access System Working

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