



olutions by Scenario

Entrance & Exit

Mas Seguro
Mas Conveniente
Mejor Experiencia

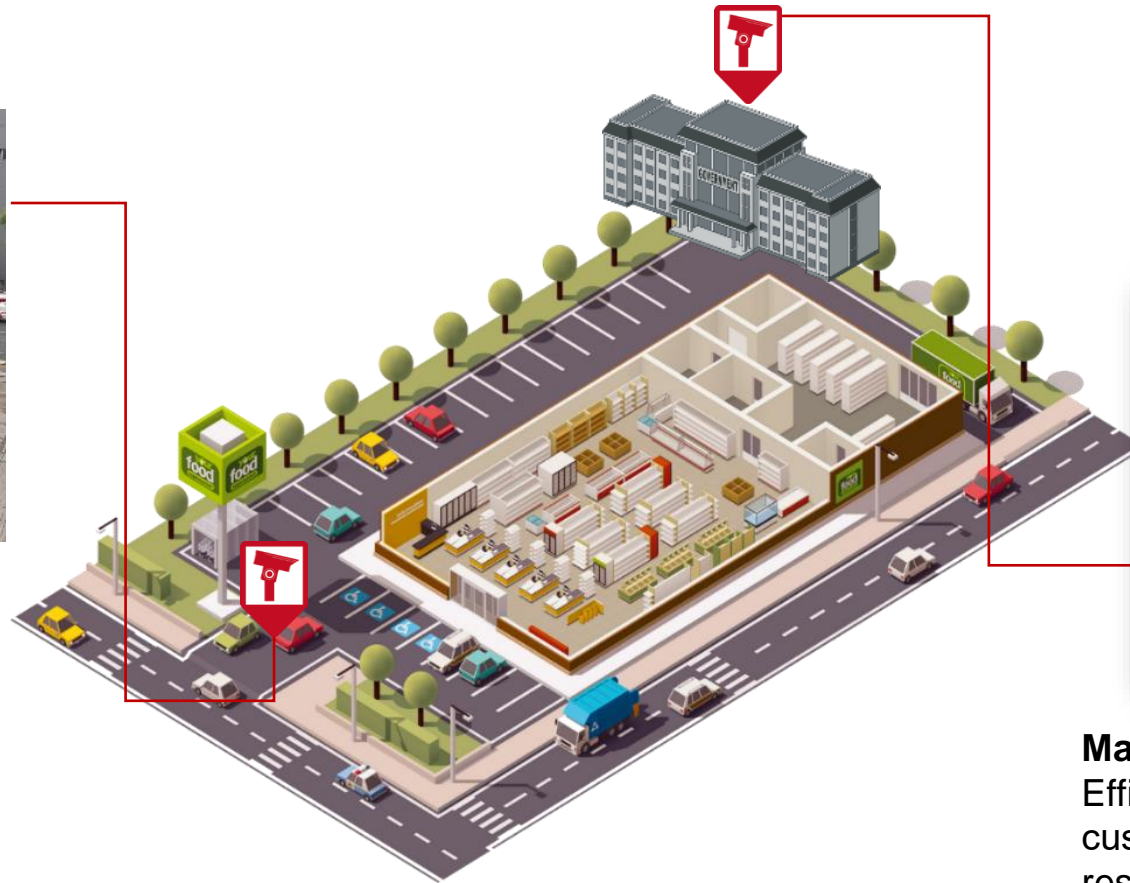


E&E Management Solution



Entrance& Exit

Guarantee operation status running stably and smoothly, and billing results reliable.



Management Center

Efficient and flexible management of customer's vehicle and parking lots resource;
Quick location of a specific vehicle's parking event from historical mass data for post event investigation.

Acceso Vehicular

4 valores de solución Hikvision



1

Formas Flexibles de verificación

- ANPR
 - Tarjeta
 - Huella
 - Rostro
 - RFID
- Verificación Simple & Doble

2

Tasa de Precisión de ANPR

- 98% Análisis en cámara
- Capacidad de mejoramiento de algoritmo

3

Busqueda eficiente en plataforma

- Placa-Color-Tipo-Tiempo-Marca....
- Video / Captura

Solución Flexible

4

- Con Portero & Sin Portero
- Con Cobro & Sin Cobro (integración con plataforma de cobro requerida)
- Capacidad de Desarrollo

Solución Estándar -Flujo

HIKVISION



ANPR CÁMARA

- 4MP;3.1~6mm lente motorizada
- ANPR : 30,000 blacklists/whitelists
- Iluminación baja
- IP67 IK10



PANTALLA LED

- 4 líneas x 8 caracteres
- Fecha + hora
- Número de cupos disponibles
- Placa/Información de bienvenida
- Altavoz integrado



Barrera

- Diferente longitud: 2 / 3 / 4 m
- Velocidad adjustable:
 - Abrir: 0.6-1.5s/0.9-2.0s/1.5-2.5s
 - Cerrar: 1-2s/1.5-2.5s/2.5-3.5s

TICKET

- Información LCD ,
- Exhibición de anuncios
- Módulo de impresora
- Escanear QR code



RADAR DE ACTIVACIÓN RADAR DE ANTI CAÍDA

- Instalación fácil
- Activado por vehículo o persona
- Tiempo de respuesta 50ms



POE NVR

- 8/16/32CH Camaras
- Grabación de 30 días con 2HDDs

CÁMARA DE INVENTARIO



- 4 MP
- 2.8 - 12 mm
- IP67 IK10



DS-KV8113-WME1

- lector de tarjetas Mifare
- 1080p video intercom



DS-K1T670

- Face recognition
- lector de tarjetas Mifare
- 1080p video intercom

Gestión de Acceso Vehicular

Verificación: Placa / UHF



Registro

Registro
Placa y UHF



Verificación de Vehículo

ANPR por Cámara



Verificación de Vehículo

UHF



Verificación de Match

ANPR / UHF



Alarma



Gestión de Acceso Vehicular

Verificación: Placa + Rostro



Registro

Registro de match entre
Placa y Rostro



Verificación de Vehículo

ANPR por Cámara



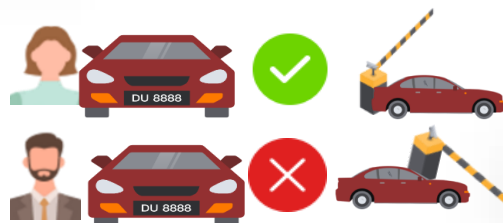
Verificación de Rostro

Reconocimiento Facial por
Terminal Facial

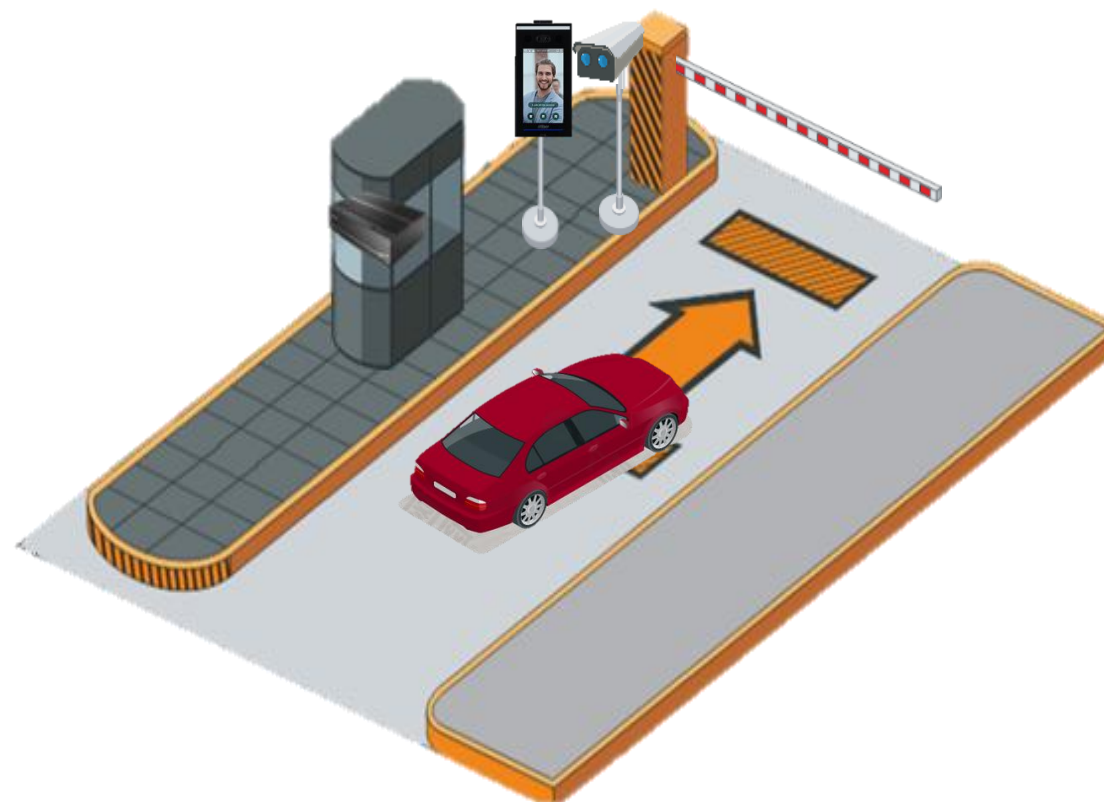


Verificación de Match

Si la persona está
registrado por esta
placa?



Alarma

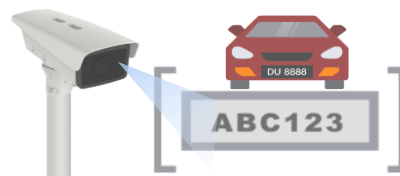


Gestión de Acceso Vehicular



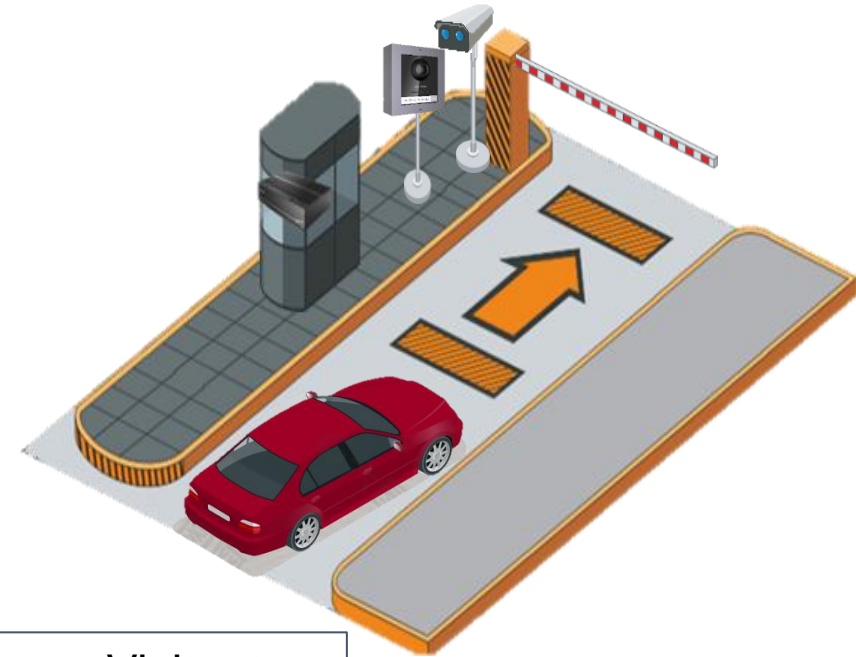
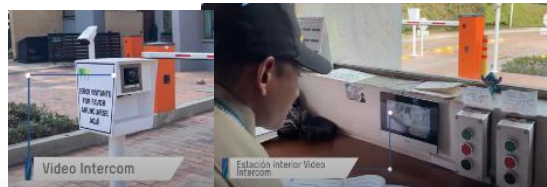
Registro de Vehículo

ANPR por Cámara



Llamada a Portero

Confirmación con
Visitados



Carril para Visitantes

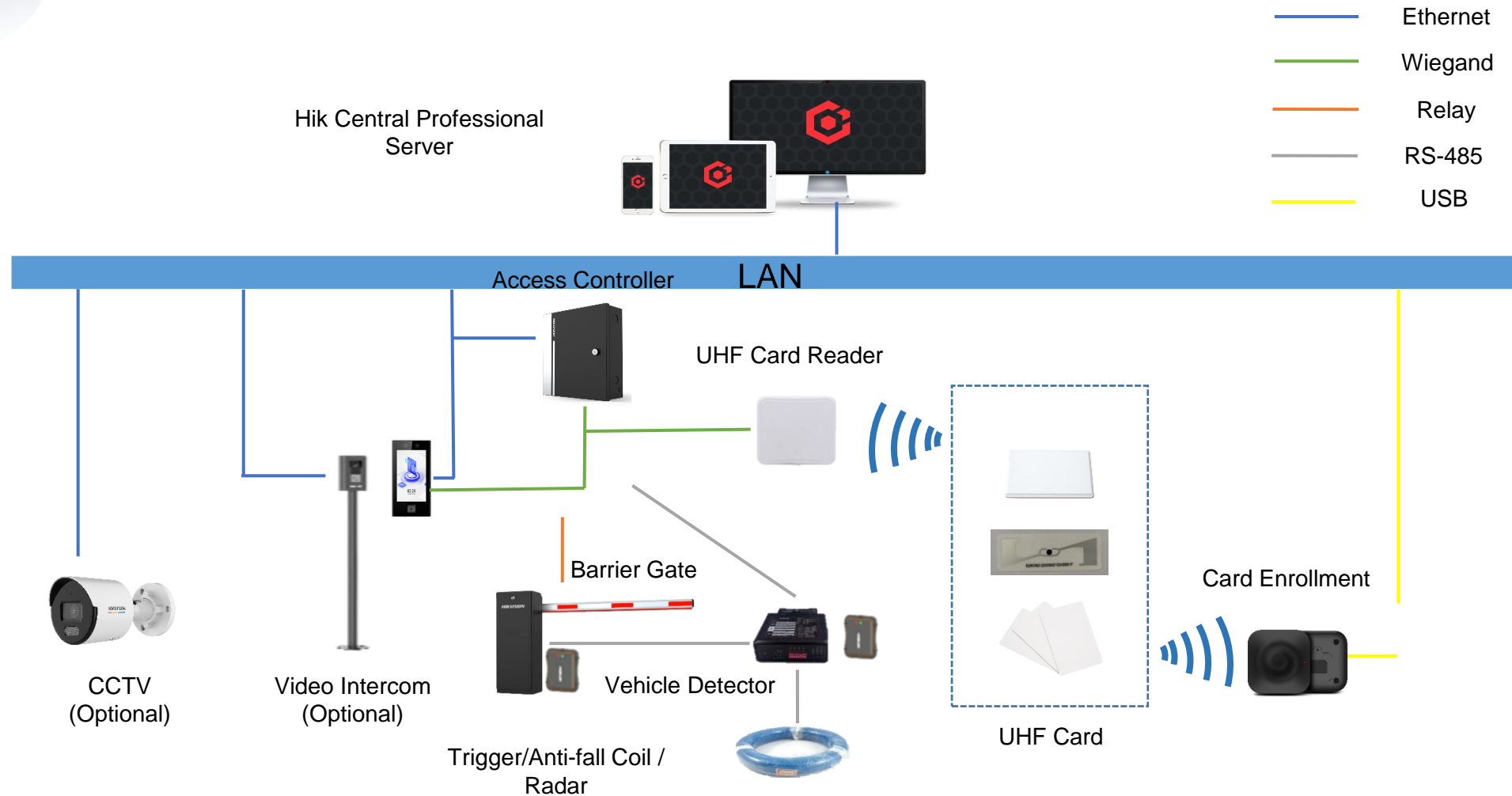


Control Remoto

Control remoto de
barrera por HCP



Entrance & Exit Management UHF



- For scenario with booth, HCP sever is deployed in center and PC with HCP client is deployed in booth.
- For scenario without booth, HCP sever is deployed in center and intercom is used to contact center.

Gestión de Bicicleta

Verificación Doble: UHF + Rostro



Registro en HCP: Número de tarjeta y Rostro

Aplicar en Terminal: Verificación de match tarjeta y rostro

DS-K1T670MX

I/O

Wiegand

UHF Lector 6 metros
DS-TR1900-8/6

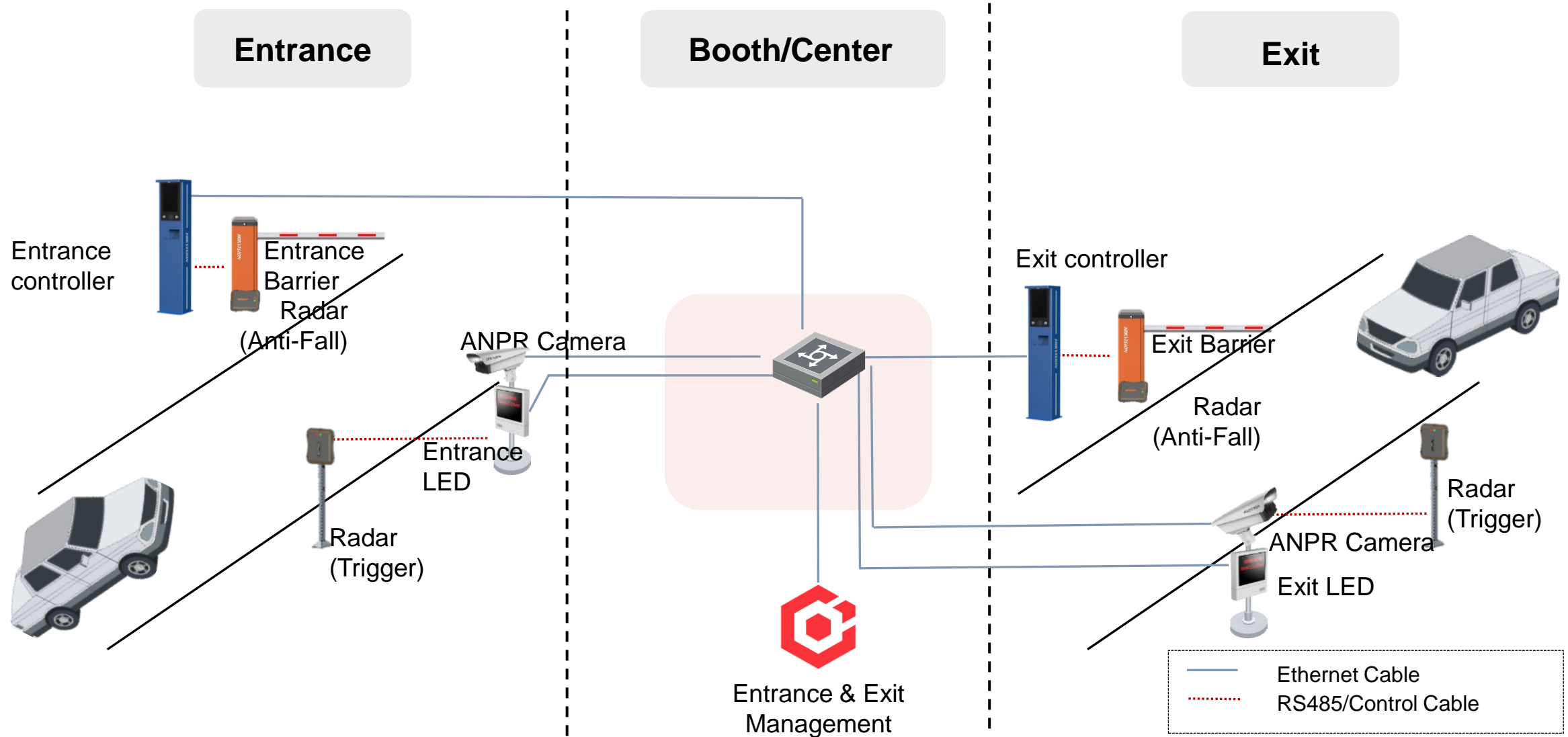
Terjeta UHF
DS-TRC902-1



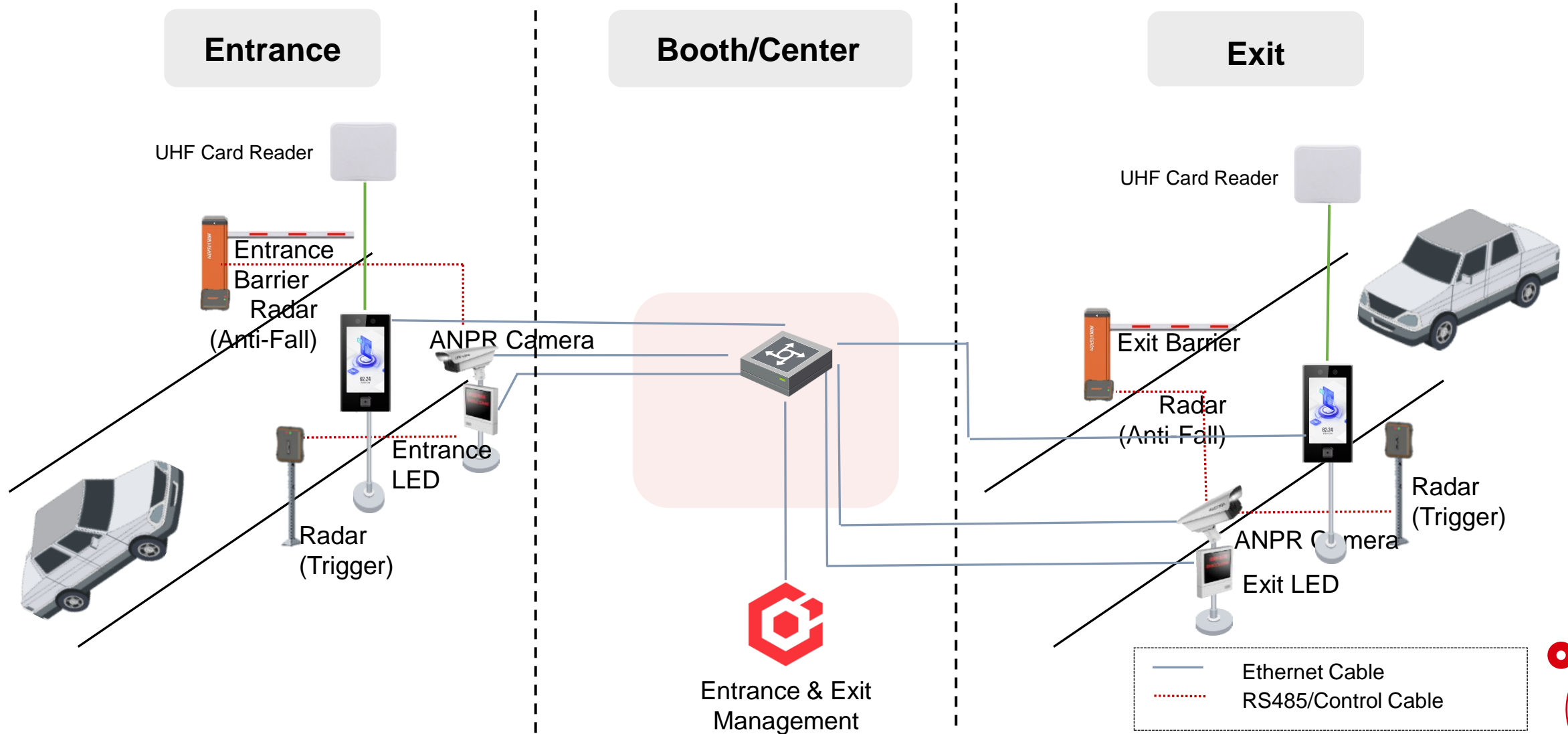
No se cubre por metal



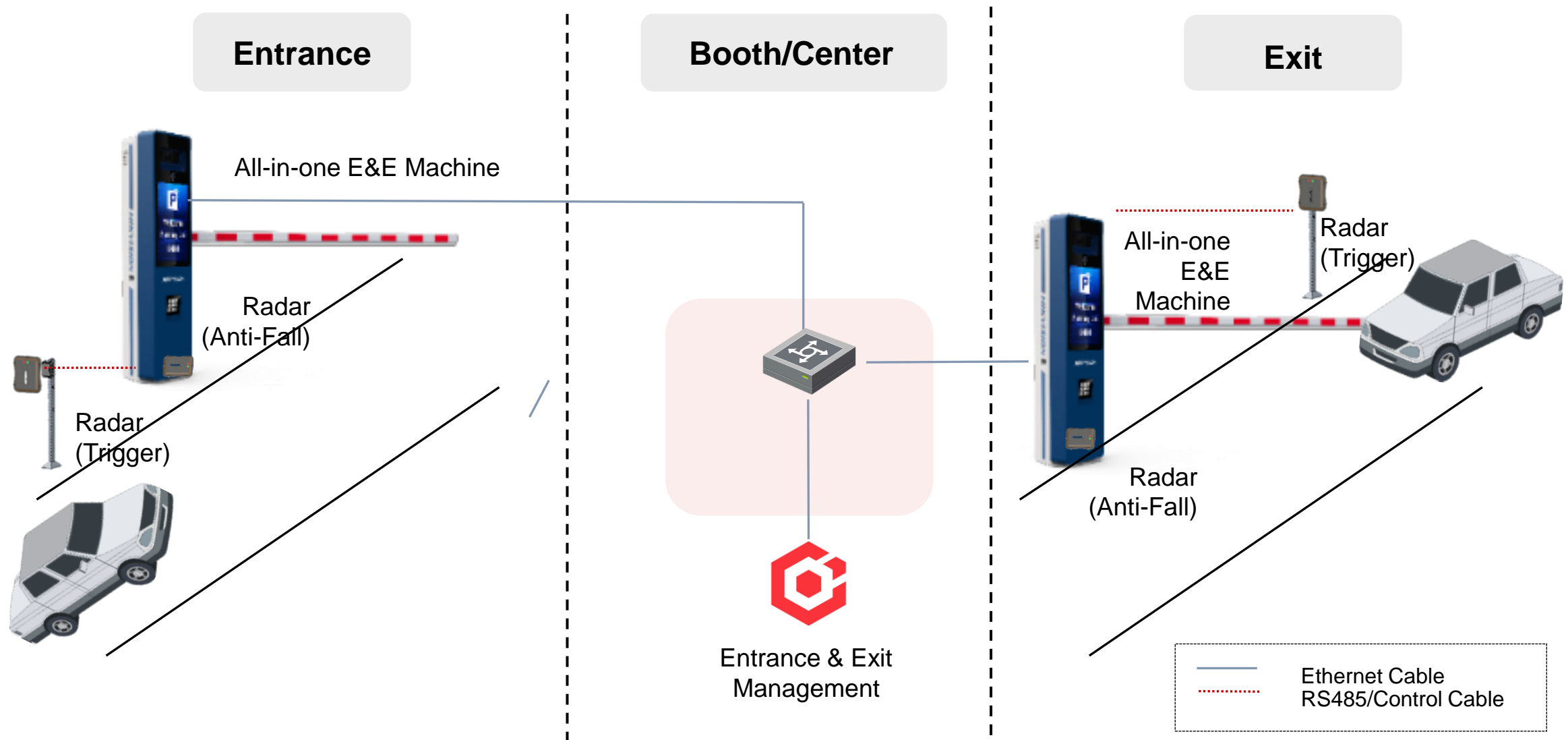
Solution Architecture -- E&E Solution



Solution Architecture -- E&E Solution






Solution Architecture -- E&E Solution






Entrance & Exit Products Family

Value Series



DS-TCG406-E  


DS-TMG30X  



DS-TMG035  



DS-TVL224-4-5Y/2 Rows 



Pro Series


DS-TCG405-E  



DS-TMC403-E 



DS-TRI900-1/A  



DS-TMG42X  



DS-TMG034  



DS-TVL224-4-5Y 

DS-TMT201
DS-TMT202  

DS-TMM201/5D
DS-TMM201/8D  



DS-TVL221-1-6D  

DS-TMC403-EL  

DS-TMG52X  

2nd All-in-one E&E Manager

Ultra Series

DS-TMC407-E/TCG400  
DS-TMC407-EHL/R/TCG400 

ANPR Camera

UHF

Barrier Gate

Trigger & Anti-fall Radar

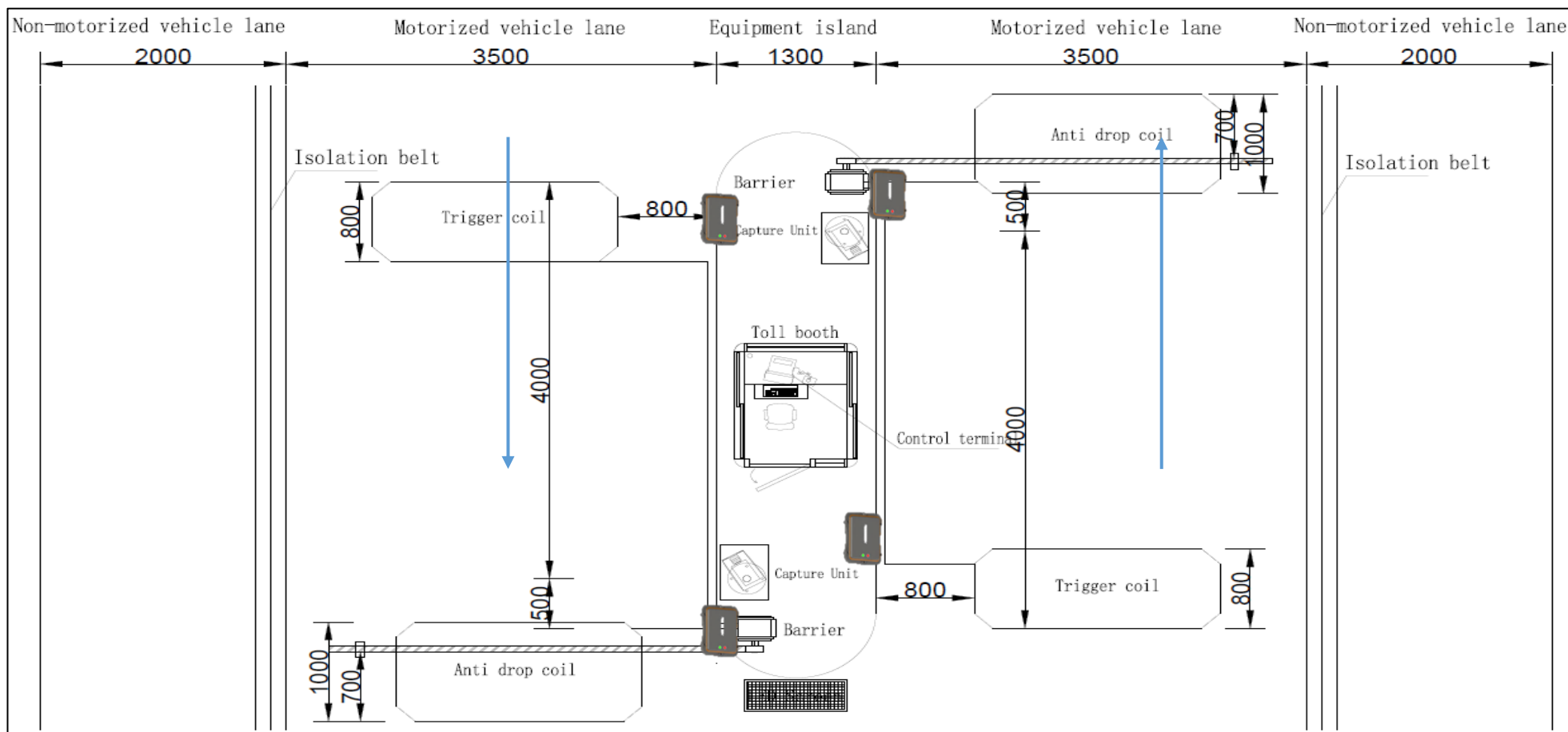
LED Screen

Ticket Screen

Sliding Gate Motor

Signal Light

System Introduction

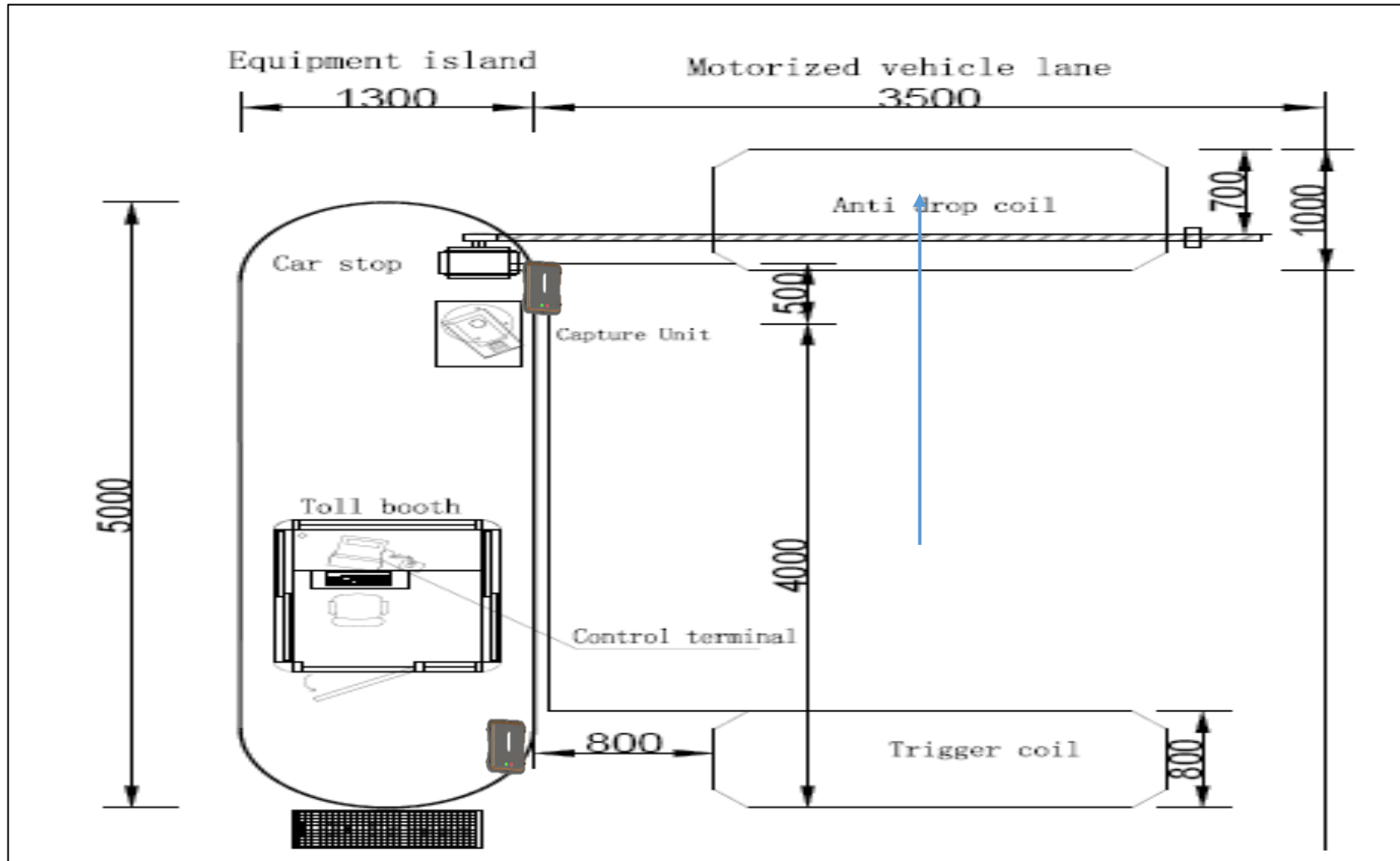


Regular E&E (Coil/Radar)



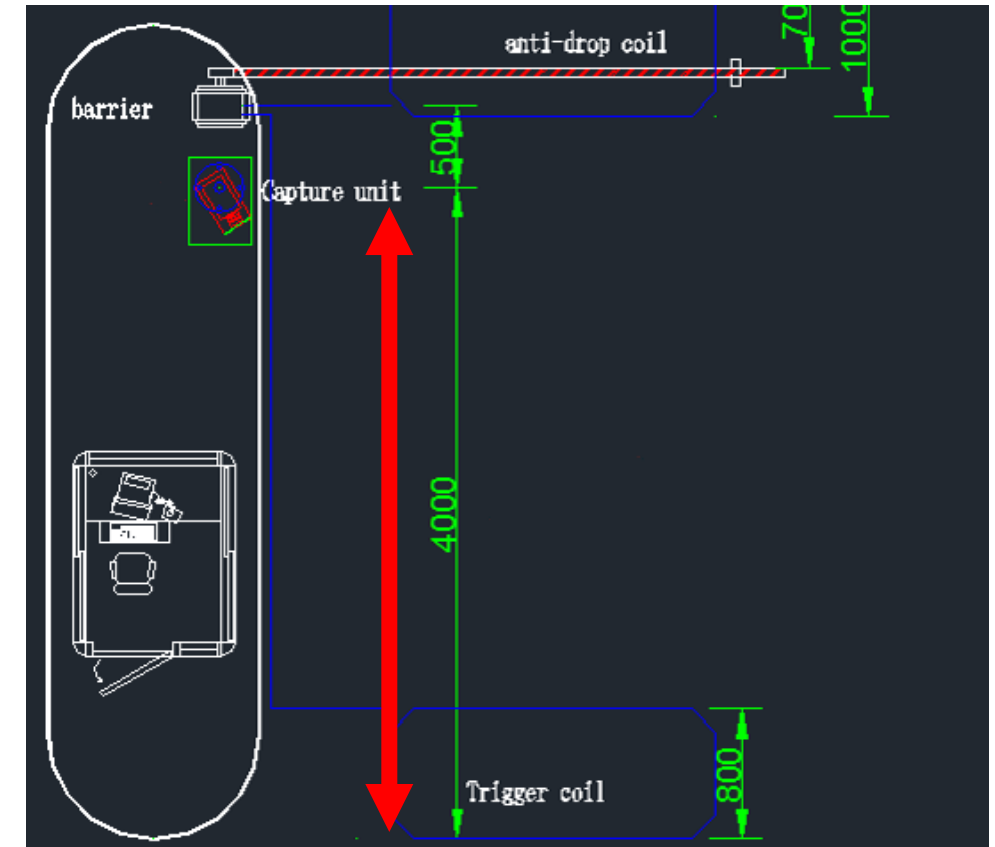
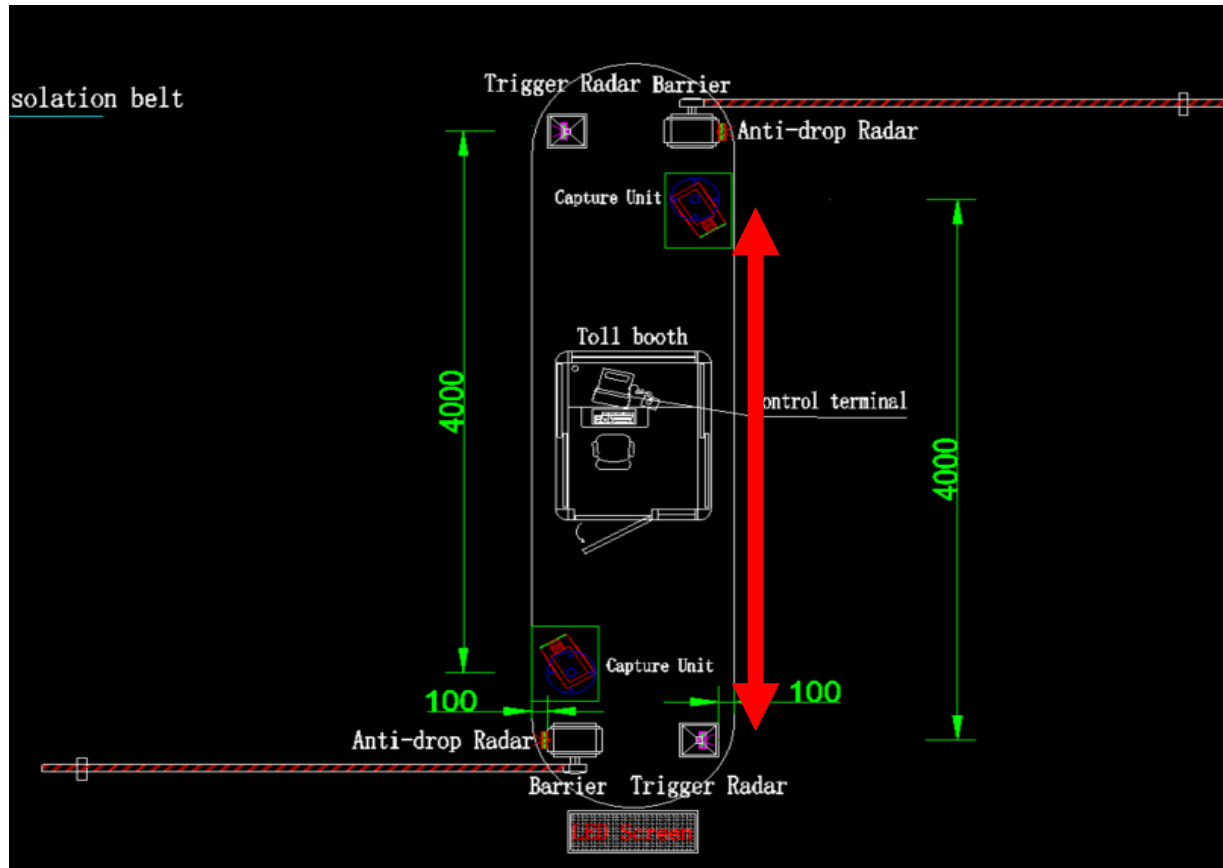
Mixed E&E (Coil/Radar)

System Introduction



Single In/Out (Coil/Radar)

ANPR Camera Installation



The distance between ANPR Camera to trigger radar/coil is **3.5 – 5m**
 The ANPR camera is recommended to installed by the height of **1.5m**, which could be adjusted according to real situation.

ANPR Camera Installation



Wrong Angle of Camera



Right Angle of Camera

If there is no more space to adjust the angle between the camera and license plate, it has to increase one more camera.

Configuration Introduction — Radar

Installation Height : 0.6m

Trigger radar contains the bracket, directly install on the ground
Anti-fall radar is mounted on the side of the barrier



E&E Capture Unit

HD Lens

4MP, 2688 × 1520@25 fps
Color: 0.022Lux@(F1.2, AGC ON)
3.1 to 6 mm motorized

Accurate ANPR

Wide angle recognition
Multi-frame recognition
99.5%* in standard scenario

Rapid Trigger

Support **video trigger**
without accessories

01

02

03

04

Abundant Vehicle Characteristic

Vehicle type recognition, vehicle brand
recognition, vehicle color recognition

05

White-light / IR light

Support switching

06

I/K/M series NVR Access

Data/Picture/**Video** storage
Data search
Camera management



DS-TCG405-E(12V/Poe)
DS-TCG405-E(220V)

*:Affected by actual installation scenario and country ANPR algorithm training result

E&E Capture Unit

Value Series

HD Lens

4MP, 1/1.8" CMOS
Color: 0.0005 Lux@(F1.2, AGC ON)
2.8 to 12 mm/8 to 32 mm motorized

Accurate ANPR

Wide angle recognition
Multi-frame recognition
99.5%* in standard scenario

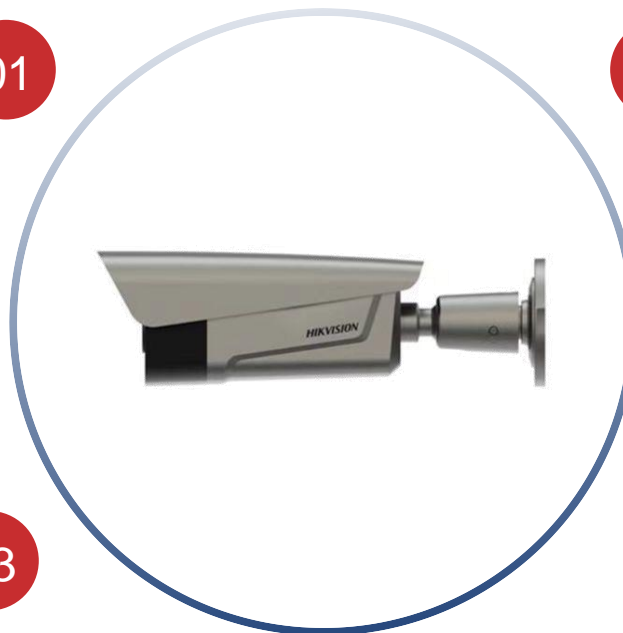
Rapid Trigger

Support **video trigger** without radar

01

02

03



04

Environmental Suitability

External Shield: **Sun-Shade**,
Rain-Proof, Dust-Proof
Wall-Mount/ Pole-Mount

05

New Interface

Support **Wiegand** to connect video
and intercom products

06

I/K/M series NVR Access

Data/Picture/**Video** storage
Data search
Camera management

DS-TCG406-E(12V/Poe)
DS-TCG406-E(220V)

*:Affected by actual installation scenario and country ANPR algorithm training result

Coil Detector



DS-TMG022
Loop detector



DS-TMG023
Capture-trigger
& Anti-fall Coil

- FVN49/0.26, used for trigger & anti-fall
- Adopts waterproof design
- Design of the cap enables convenient wiring

Trigger & Anti-Fall Radar



- 79GHZ MMIC
- The maximum Trigger distance : 6m
- Adjustable Detection Range
- Distinguish the Vehicle from pedestrian and only capture Vehicle



- 79GHZ MMIC
- The maximum Trigger distance : 6m
- Adjustable Detection Range
- To avoid the accident of fall Vehicle and Pedestrian

DS-TMG034

Trigger & Anti-Fall Radar

Value Series

Wide Applicability

79/60 GHz MMIC meets the demand for frequency bands in most countries

Complex Scenarios

Recognize the target **driving direction**, applicable to single lane mixed E&E scenarios

Strong Environmental Adaptability

without influence of the electromagnetic interference, illumination, dust, rain, snow, etc.

*Compared with IR intrusion detector

01

02

03

04

05

06



DS-TMG035

Miniaturization

96 × 60 × 29 mm

*Compared with TMG034

Separation of Pedestrian, Vehicle

Advanced signal processing technology to detect pedestrian and vehicle stably

Two Application Modes

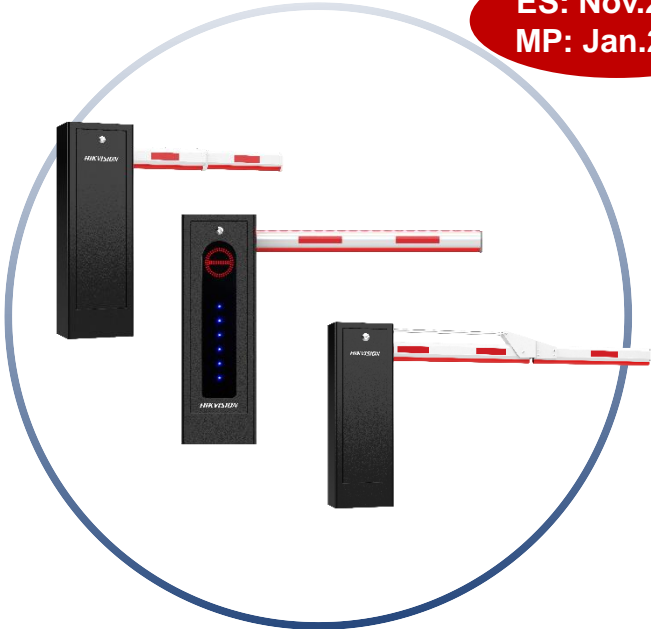
Trigger: Detect vehicle to trigger camera capture picture.

Anti-Fall: Prevent the barrier gate from smashing pedestrian and vehicle.

Barrier Gate

Value Series

ES: Nov.2023
MP: Jan.2024



DS-TMG300 series
DS-TMG301 series

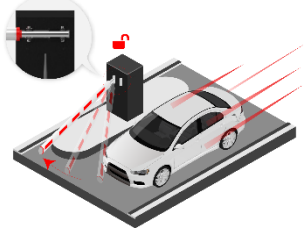


Efficiency and stable performance

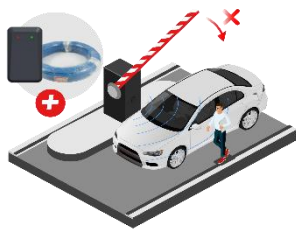
- DC brushless motor with low noise to increase output torque and realize precise intelligent control



Enhanced safety protection



Anti Collision



Multiple anti-fall protections



Auto rebound



Easy deployment & maintenance

- Remote control by software/ remote controller
- Varies boom pole types and lengths
- Complete accessories chooses



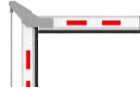
Octagonal pole
Anti-collision octagonal pole



Light Pole



Telescopic pole



Folding pole

Model		DS-TMG30X
Motor Type		DC brushless motor
Boom Pole Direction		Left/Right
Number of Cycle		2,500,000
Rising/Falling Speed	Octagonal boom pole	3m: 3s
	Telescopic boom pole	2.5-4.5m: 3s
		3.4-6m: 6s
	Folding boom pole	2+2m: 3 to 6s
	Light boom pole	3/4m: 3s

E&E Barrier Gate

Multiple Boom Pole

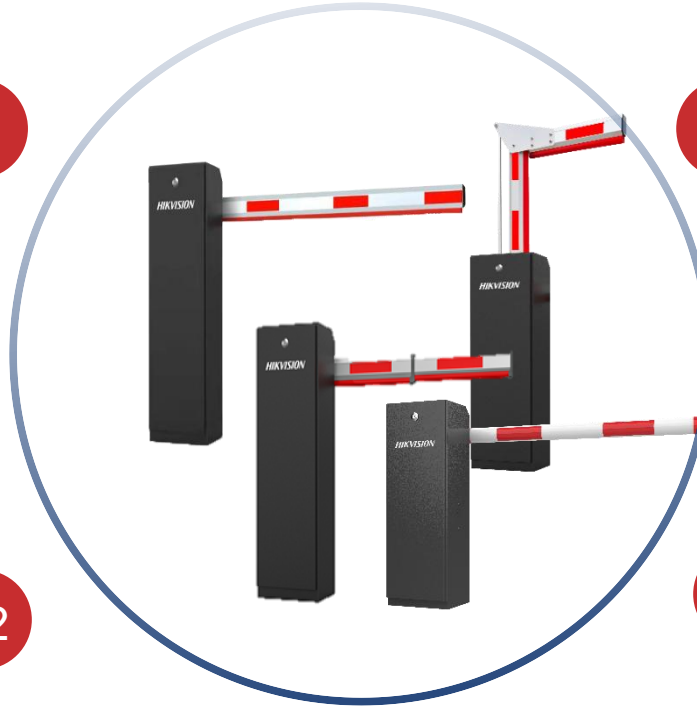
Octagonal Straight: 3 m
Octagonal Telescope: 4 m / 6 m
Anti-collision Cylinder: 4 m / 6 m
Curved: 2+2 m

High Lifting Speed

3 s / 6 s

01

02



03

Multiple Anti-fall Methods

Anti-fall coil / IR / bouncing back
when encountering obstacles

04

Remote Control

Support **remote control**, which is
convenient for operator.

DS-TMG4BX

Note: "X" in model name means different models.

E&E Barrier Gate

Different Length

Octagonal Straight: 3 m / 4 m / 6 m
Octagonal Telescopic: 4 m / 5 m / 6 m
Anti-collision Cylinder: 3 m / 4 m / 6 m
Curved: 2+2 m
Fence: 4 m

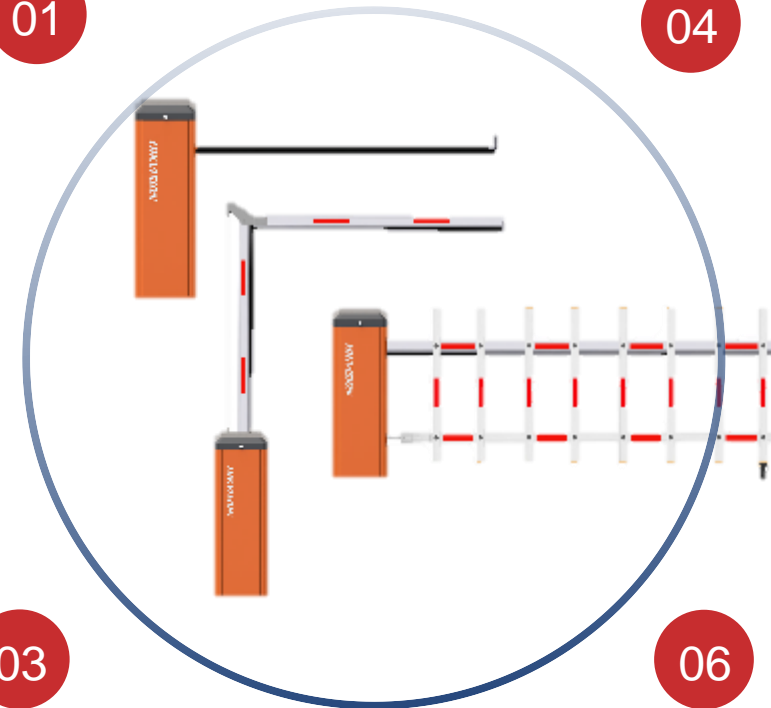
Omni-direction

Straight and curved can reverse
leftward or rightward by changing the
machine core direction

Adjustable Lifting Speed

3 levels

01



04

Multiple Anti-fall Methods

Anti-fall coil / IR / bouncing back
when encountering obstacles

06

Integration Machine

Modular design, more convenient
follow-up maintenance

06

Sloping Roof

Reduce the risk of control box
failure caused by condensation
water on the roof

DS-TMG52X

Note: "X" in model name means different models.

Barrier Gate Indicators

Warning Light:

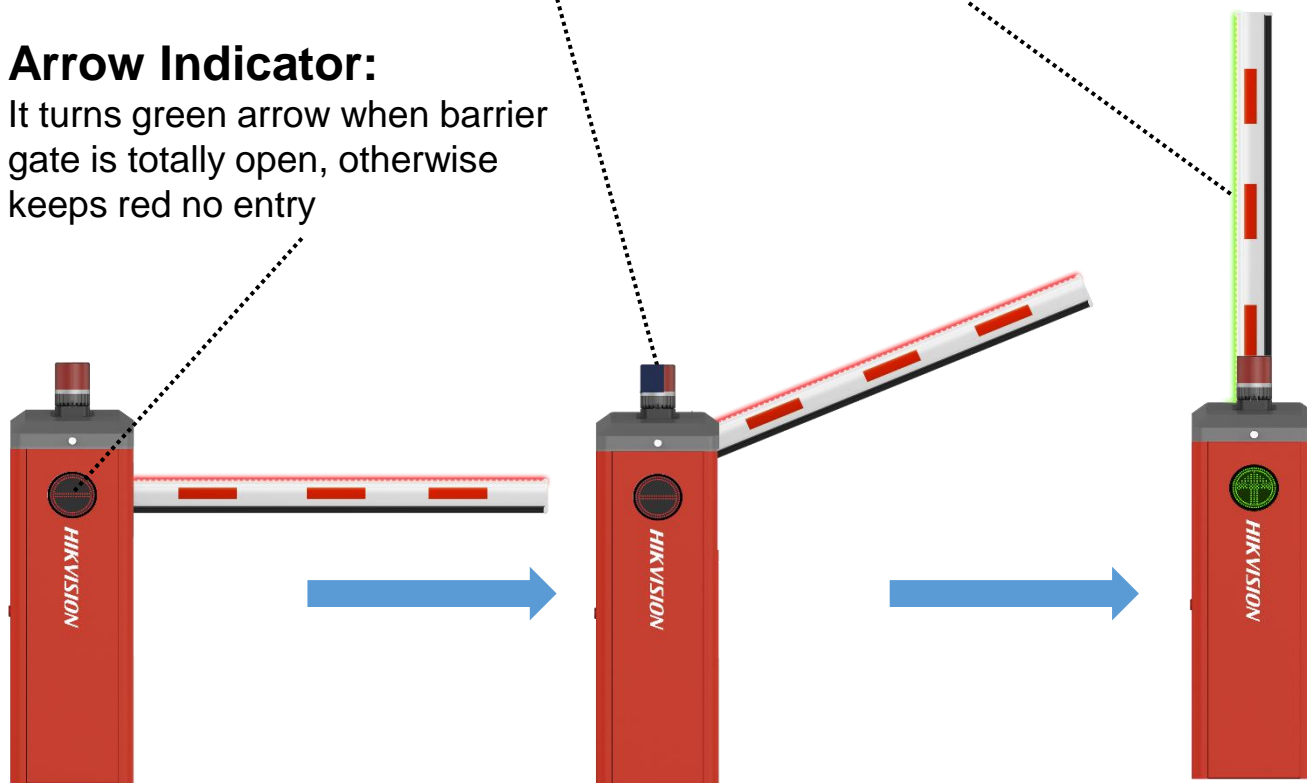
Red and blue light blinks when barrier gate is opening

Arrow Indicator:

It turns green arrow when barrier gate is totally open, otherwise keeps red no entry

Strip Light:

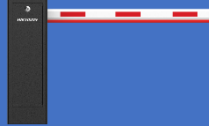

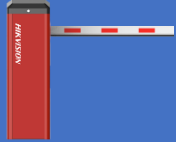
It turns green when barrier gate is totally open, otherwise keeps red



Model	Arrow Indicator	Strip Light	Warning Light
DS-TMG42X-X/B	√		
DS-TMG42X-X/A/B	√	√	
DS-TMG52X-X/B	√		
DS-TMG52X-X/A/B	√	√	
DS-TMG070 *Accessory			√

Note: "X" in model name means different models. And DS-TMG070 is ordered separately as accessory.

Barrier Gate

		DS-TMG30X 	DS-TMG42X 	DS-TMG52X 
Market position		Value series barrier gate 30 series features cost-efficient functionality	Pro series barrier gate 42 series features efficient control for vehicle entrance & exit	Ultra series barrier gate 52 series features high-precision control for high vehicle traffic
Pole Type	Octagonal Straight	3 m	3/4/6 m	
	Octagonal Telescope	2.5~4.5/3.4~6 m	/	
	Anti-collision Round	3/4 m	Remark when order	
	Folding	2+2 m		
	Fence	/	4 m	
Motor Driver		Brushless DC Motor		
Material		CRS	SGCC	SECC
Color		Black	Orange Red	
Max. Rising Speed (for 3 m straight pole)		3 s	1.8 s	0.9 s
Direction		Choose L/R model when order, and be able to reverse in site	Right in default, and be able to reverse in site easily	
Service Life (times)		2,500,000	5,000,000	
Indicator		Arrow Indicator/ Strip Light/ Warning Light		

Note: "X" in model name means different models.

2nd All-in-one E&E Manager

2nd All-in-one E&E Manager **upgrade ANPR camera structure**, solving the issue of camera fogging.

2nd camera internal structure



2nd All-in-one E&E Manager appearance of the camera



1st camera internal structure



1st All-in-one E&E Manager appearance of the camera



DS-TMC407-E/TCG400



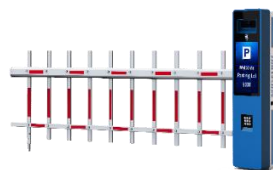
3/4 m straight pole

- Rising Speed: 3m(0.9s), 4m(1.5s)
- Falling Speed: 3m(3s), 4m(3.5s)



2+2 m folding pole

- Rising Speed: 1.5s
- Falling Speed: 3.5s



3/4 m fence pole

- Rising Speed: 4s
- Falling Speed: 5s

Model

DS-TMC407-E/TCG400

ANPR Camera	4 MP, 2688 × 1520, CMOS, 1/3", 25fps, 3.1-6mm lens
LCD Screen	21.5 inch, 1080p, 1500cd/m ² , advertisement display
Supplement Light	Embedded with 9 bright LED lights, support control according to brightness or time
Protect Level	IP54

All-in-One E&E Manager DS-TMC407-E/TCG400

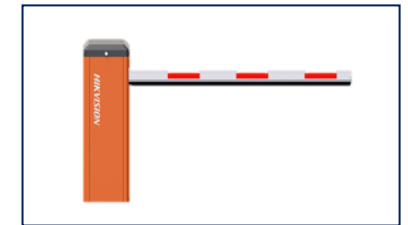
Cámara LPR



Intercom Button



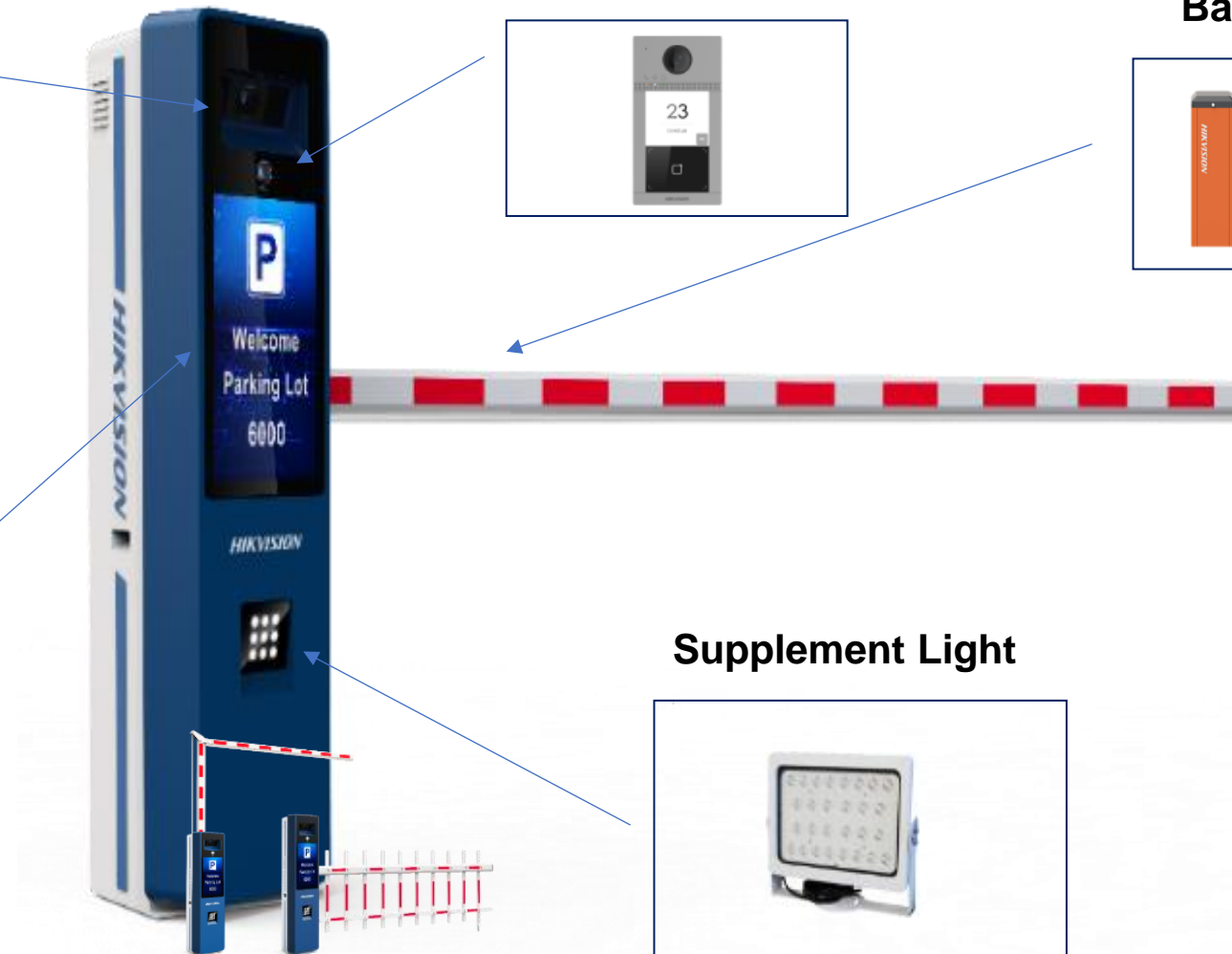
Barrier Gate



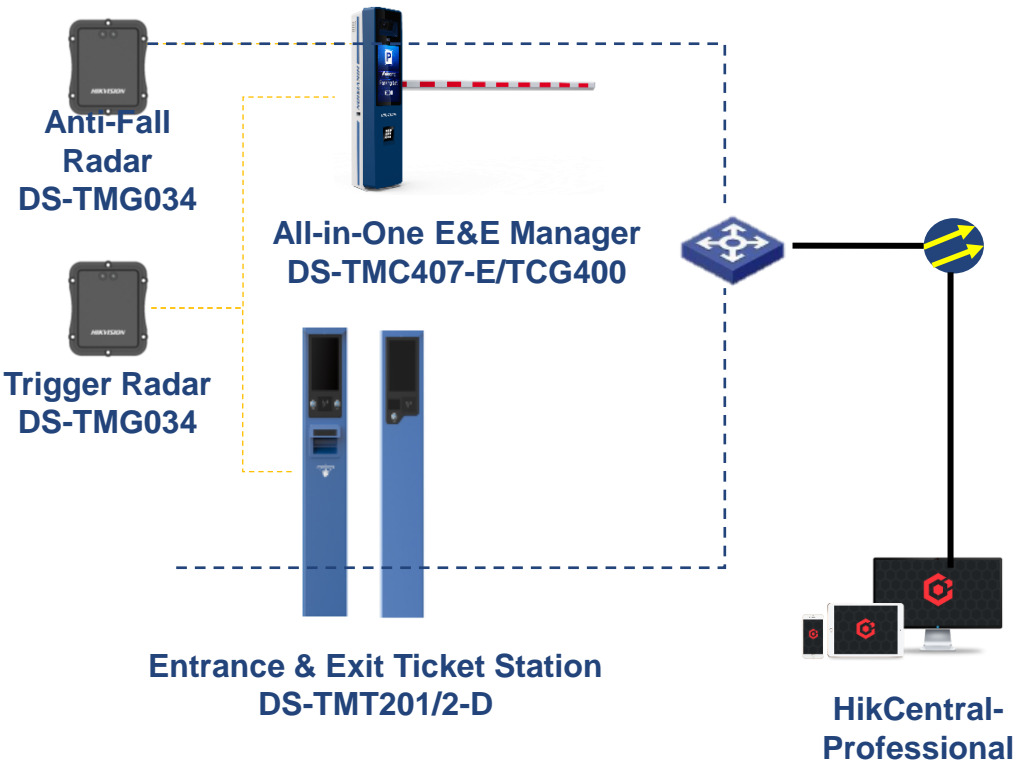
LCD Screen



Supplement Light



2nd All-in-one E&E Manager



All-in-One design

- Integrated with smart capture camera, fast barrier gate, supplement light, LCD display, emergency button, voice prompt, and two-way audio
- Simple and convenient wiring and debugging



Intelligent vehicle recognition

- 4MP HD camera with high quality imaging
- Smart recognition for ANPR, vehicle type recognition, vehicle logo recognition, sub-brand recognition



User-friendly design

- A geared barrier gate provides both quick and safe passage for drivers
- LCD provides access management by showing QR code for vehicles, also display image, video footage, and advertisements
- Supports pressing help button to realize real-time two-way audio with center and remote booth



Application Scenarios



Shopping Mall

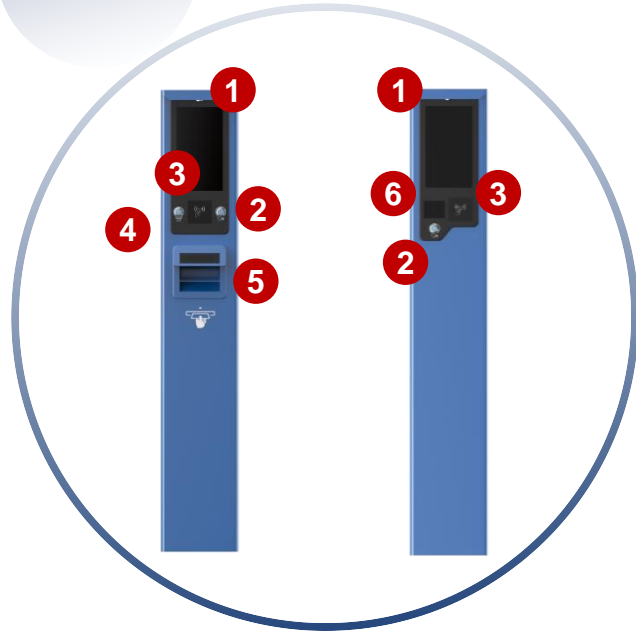


Parking Structure



Industrial Park

E&E Ticket Dispenser



DS-TMT201-D
Entrance

DS-TMT202-D
Exit

- ① LCD Screen ② Intercom Button ③ Card Reader
 ④ Ticket Button ⑤ Ticket Printer ⑥ QR Code Scanner



Thermal paper for ticket dispenser
DS-TMT002



Built-in ticket printer

- Thermal printing with fast speed, low noise, and clear content
- Custom ticket information and length (paper diameter up to 15cm, the default length of single sheet paper is 7cm)
- Upgrade from paper ticket to hard ticket for less damage
- Print tickets for vehicle without license plate and Temporary car



Fixed users authority management

- Authorization card swipe for vehicle access
- Users access management for Monthly/Quarterly/Annual Card



Information display with LCD screen

- Parking information / picture display and video loop playback



Two-way audio with center

- Support real-time voice intercom function
- Integrated echo cancellation and noise cancellation technology



Remote control barrier gate

- Support swipe card/ ticket/ QR code control through relay-out interface

Plat No.
Entry Time
Prompt

Plate No.:Q17663
Entry Time:2023-10-26 17:33:58
Save the ticket. Scan the QR code
on the ticket to exit.



Entrance Ticket Station
Demo Video



Video Intercom

IP65



DS-TMT1A0

Villa Door Station

- 2 MP HD camera,
- Standard PoE,
- Support noise suppression and echo cancellation
- Low illumination, access control functions, tamper-proof, configuration remotely via Web
- IP65
- Including villa door station DS-KV8113 and pole for villa door station

IP65



NEW

DS-K1T670 Series

Physical Button



DS-KAB670-WB/E
(433MHz or 868MHz)



Multiple authentication methods



Face



Fingerprint



Card



QR code



Wireless keyfob



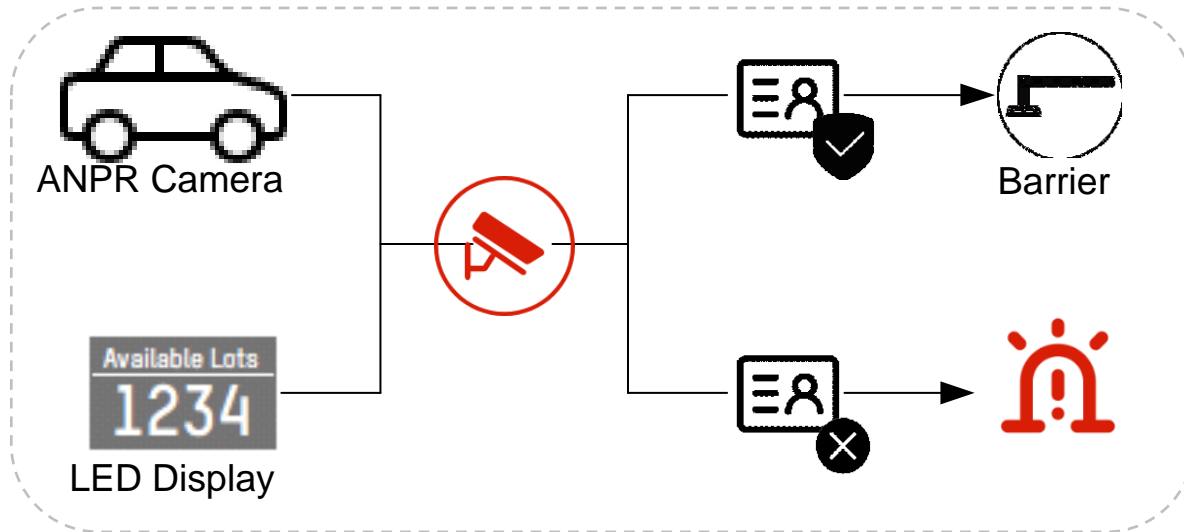
One-press intercom calling

via the physical button

Model	DS-K1T670 Series
Face capacity	6,000
Fingerprint capacity	10,000(optional)
Card type	M1
Card capacity	50,000
Event capacity	150,000
Communication	Ethernet, Wi-Fi (optional) RS-485, Wiegand USB(connecting the device & module)
Voltage input	DC 12V
Protection level	IP65

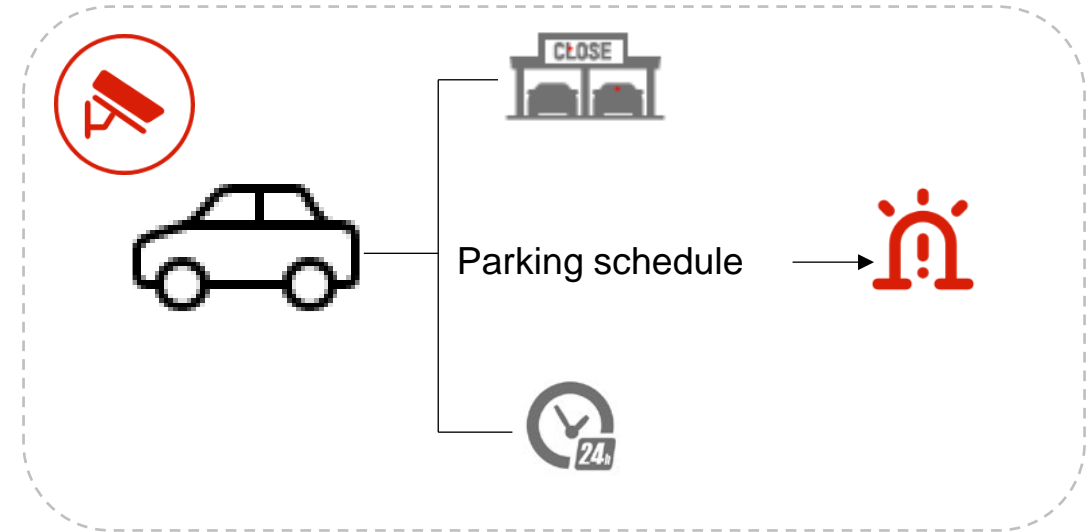
Management Center

Multiple Parking Violation Alarms to Expedite Response



- The barrier can remain closed to prohibit entry by that vehicle
- When a vehicle on a time-limited list attempts to enter and/or park after expiration, an alarm will be triggered. This function is especially useful for hotel parking, visitor parking in residential areas, etc.

Parking After Closing Time / Forbidden Parking Periods



- An alarm will be triggered when a vehicle remains in a parking area after business hours or other specified period
- Helps parking area management personnel quickly identify how many and which vehicles remain in a parking area after business hours or other specified period

Licenciamiento

Entrance&Exit	HikCentral-P-E&E-2Lane/Module/Promo	401000173	<p>Entrance & Exit Module Expansion package</p> <p>Prerequisite: Video Surveillance Base package</p> <p>Warranty: none</p> <p>Supported:</p> <ul style="list-style-type: none"> -Video Surveillance: 2 ANPR cameras manageable; -Entrance&Exit: 2 lanes manageable, 2 Entrance and Exit Station managable, Entrance&Exit supported; <p>Additional: Basic functions of Entrance & Exit management (e.g. Display screen at Entrance & Exit lanes, Calling center from video intercom devices, Authentication by card number via Access Control devices, Barrier control, etc.), Entrance & Exit rule management, Entrance & Exit monitoring and operation, Vehicle list management, Overstay/Illegal parking alarm, and etc.</p>
	HikCentral-P-E&E-1Lane	401000422	<p>Lane Expansion Package</p> <p>Prerequisite: Entrance & Exit Module Expansion Package</p> <p>Supported:</p> <ul style="list-style-type: none"> -Video Surveillance: 1 ANPR camera manageable; -Parking Lane: 1 lane manageable; -Entrance and Exit Station: 1 station managable. <p>Additional: Up to 40 lanes and 40 stations managable by each HikCentral Professional server.</p>



olutions by Scenario

Smart Parking

Mas Seguro
Mas Conveniente
Mejor Experiencia

Parking Guidance Products

Family

Off-street Products

Parking Guidance
Camera

DS-TCP140-B(E)
DS-TCP440-B(E)



HOT

DS-TCP440-(D)B(ES)



NEW

DS-TCP506-EP
DS-TCPC06-EP



HOT

Video Guidance
Terminal

DS-TPM400-P



Indoor LED Screen

DS-TVL121



Entrance
Information
Guidance Screen

DS-TVB200



Inquiry Machine

DS-TPW332-C



On-street Products

On-street ANPR
Bullet

iDS-TCR803-G



HOT

On-street ANPR
Pole

DS-TCL400-E



Parking Space
Detection Camera

iDS-TCR204-E



Dual-mode
geomagnetic
detector

DS-TDP110-S



NEW

Geomagnetism
Detector Manager

DS-TDP210-ST



NEW

Outdoor LED
Screen

DS-TVL221-2-10P
DS-TVL222-2-10P
DS-TVL223-2-10P



DS-TVL232-6-8P



DS-TVL236-3-5P



On-street Parking
Terminal

DS-TPE400-E



Solution by Function – Parking Guidance

Off-Street Parking Guidance



Function

- Parking guidance
- Parking space status detection
- Support up to 50 parking space detection

***The actual number of parking spaces detected depends on the camera installation height and distance.**



Parking Space Detection Camera

1

iDS-TCR204-E

Outdoor LED Screen

2

DS-TVL221



DS-TVL236

Terminal



DS-TPE400

Software



HikCentral Professional

Parking Space Detection Camera



iDS-TCR204-E

2 MP

01 Application Scenarios

- Open-air parking lot, 4S shop parking space management

02 Camera

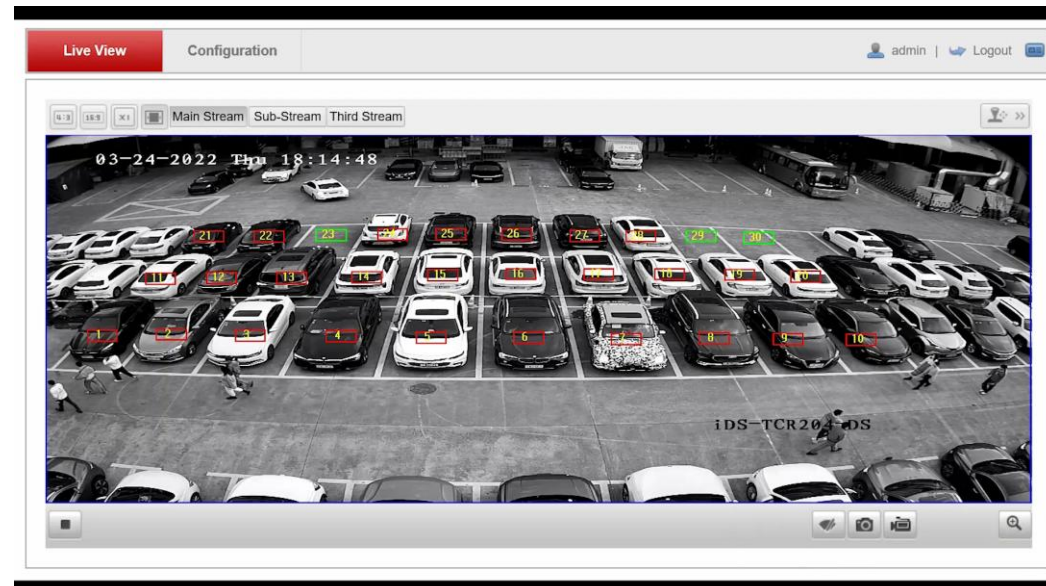
- 2MP, 1/1.8" CMOS
- 1920*1200@25fps
- 3.1-6mm motorized vari-focal lens

03 Vertical parking spaces

- Supports up to 50 parking spaces detection

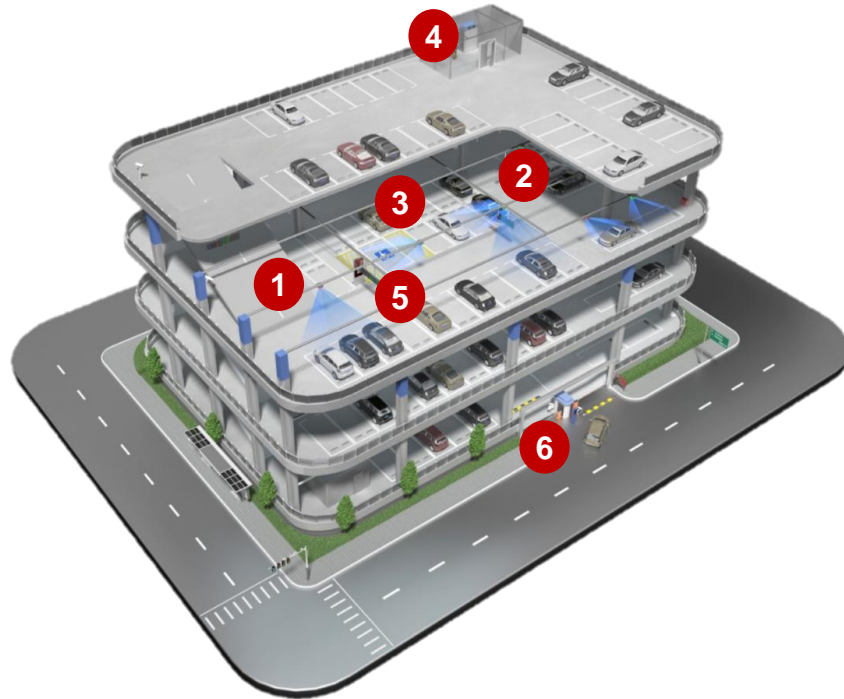
04 Smart Functions

- Parking status detection, vehicle space detection, parking on line detection



Solution by Function – Parking Guidance

Off-Street Parking Guidance



Function

- Real-time space vacancy and direction display, support display by area/ by space type
- 6 indication light colors to reflect space types and vacancy status
- Real-time vehicle detection and warn when vehicle coming from other directions
- Self-service vehicle location inquiry
- Remote parking lot and space management on e-Map
- Video-based parking records, search by space or by ANPR fuzzy match *
- Space usage statistics reports

Parking Guidance Camera

Incident Detection Camera

Parking Guidance Terminal

Inquiry Machine

LED Screen

Software



DS-TCP1/440-E



DS-TCP5/C06



iDS-TCS202-EA/4



DS-TPM400



DS-TPW332



DS-TVL121



DS-TVB200



HikCentral Professional

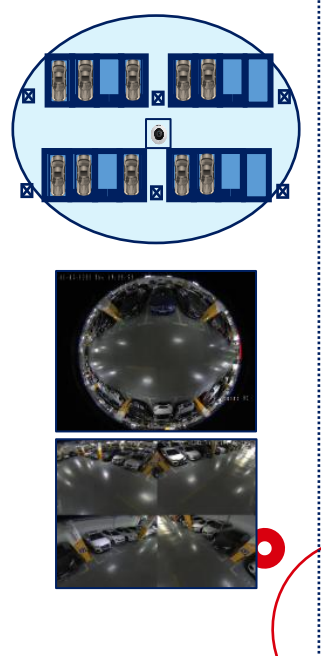
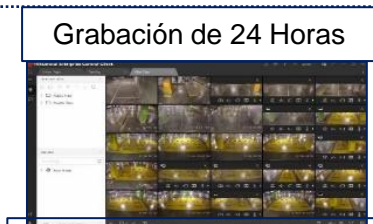
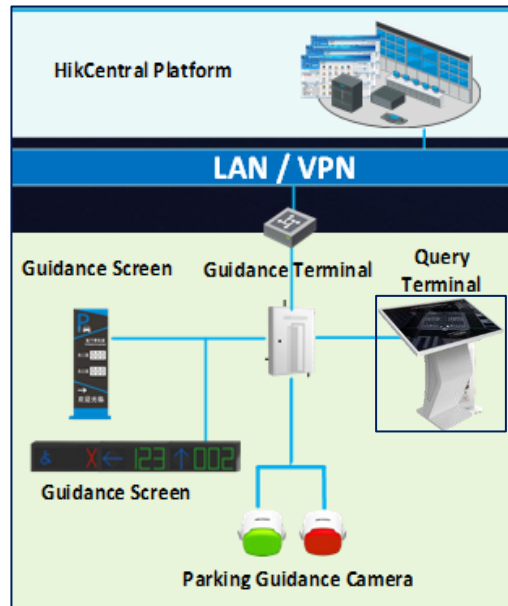
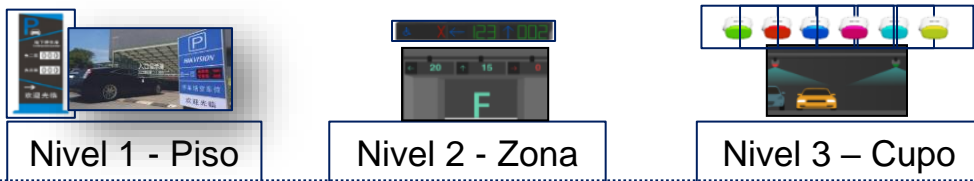
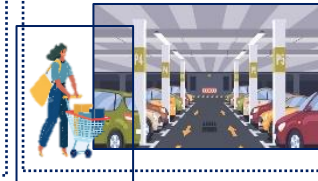
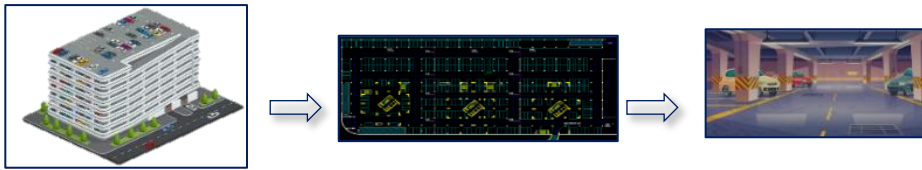
Off-Street Parking Guidance

Antes de Parking

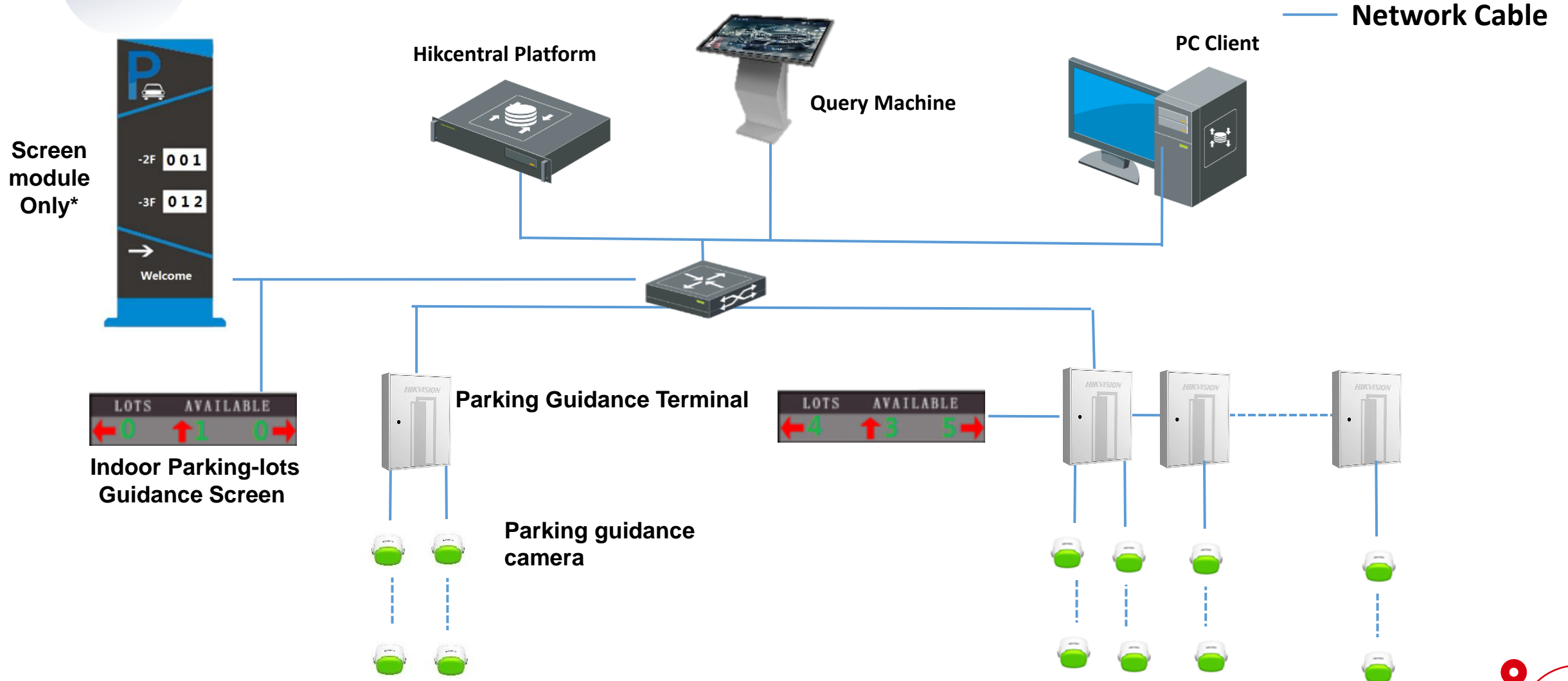
Durante Parking

Después de Parking

Solución Lite



System Introduction



Parking Guidance Terminal



DS-TPM400-P

01

Camera Connection

Up to 32-ch (dual-lens is calculated by 2-ch)

02

Multiple Management Function

Parking space statistics, LED display control, IP address automatic allocation

03

Abundant Network Interface

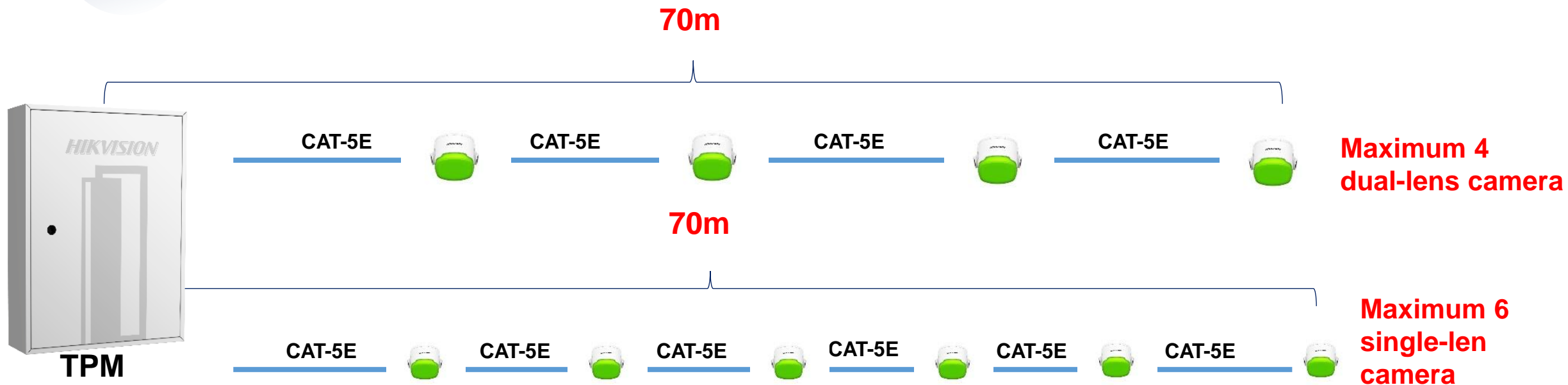
16 100M RJ45 interfaces (including 8 HIK POE interfaces), 4 1000M RJ45 interfaces

04

Large Capacity Storage

Six 3.5-inch HDD slots

Products Introduction – Parking Guidance Camera

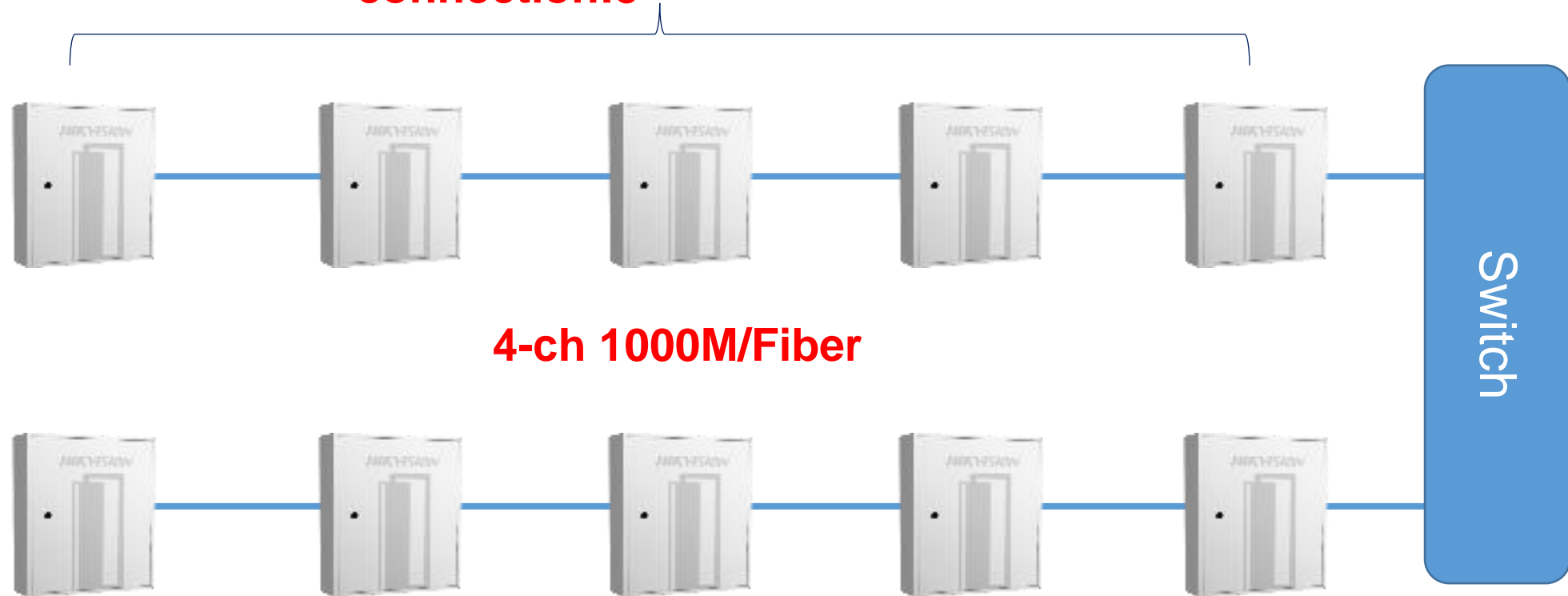


- ✓ The power of each TPM network port is 40w, each dual-lens camera is 10w, and each single-lens camera is 6w; one network port can connect up to 4 dual-lens cameras or 6 single-lens cameras
- ✓ The maximum distance between per TPM network port and the last camera connected to it is 70m

Products Introduction - Parking Guidance

Terminal

**Maximum cascade
connection:5**



- ✓ The maximum cascade number of TPM is 5, and a switch needs to be connected between every 5 TPMs

Parking Guidance Camera



DS-TCP140-B(E)
DS-TCP440-B(E)
DS-TCP440-DB(E)

01

High Recognition Accuracy

ANPR (accuracy $\geq 99.5\%^*$), Parking space status detection (accuracy $\geq 99.99\%$).

02

Strong Adaptability

3 different models can cover all shapes of parking spaces

03

Less Recognition Time

Recognition in less than 1.5 seconds

04

Hand-by-Hand Connection

Support PoE. Connecting cameras in series can save power cables.

05

Integrated with Indicator

Up to 6 colors. Red, Green, Yellow, Blue, Cyan, and Magenta colors can be indicated.

*:Affected by actual installation scenario and country ANPR algorithm training result

Audio Parking Guidance

HIKVISION

HIKVISION

Camera



Customized voice broadcast

- Support setting the broadcast volume and frequency
- Setting the volume and broadcast number according to the time period
- **Driving away the broadcast of special parking spaces and the detection of the line pressing**

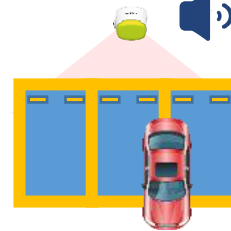
ES: Dec.2023
MP: Jan.2024



NEW

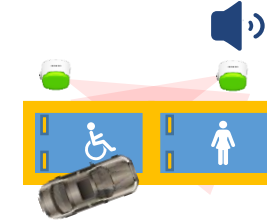
DS-TCP440-B(ES)
DS-TCP440-DB(ES)

Crossing over line



【Default】
Your car is parked over line.
Please park it inside the
parking space.

Special parking space



【Default】
Dedicated parking space.
Do not park here.

***Note:** LED light color can be
customized(support 6 colors)



Allowlist and Blocklist Management

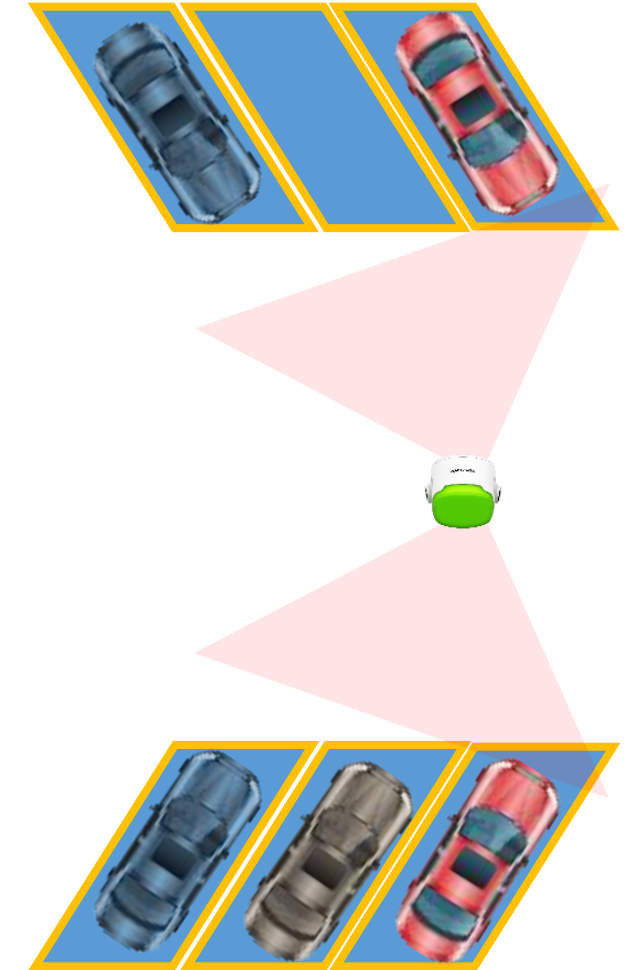
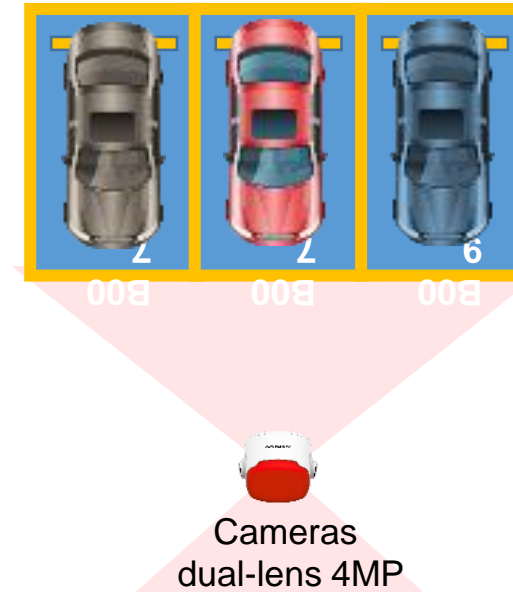
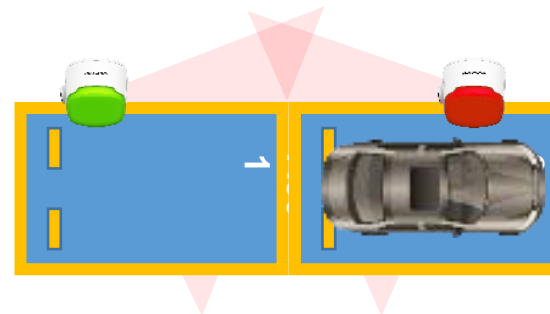
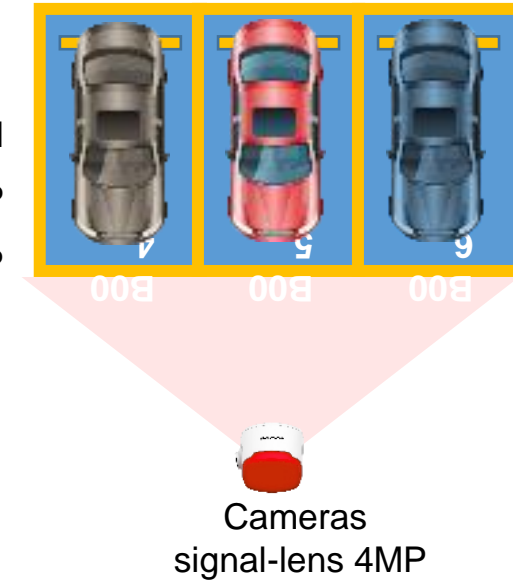
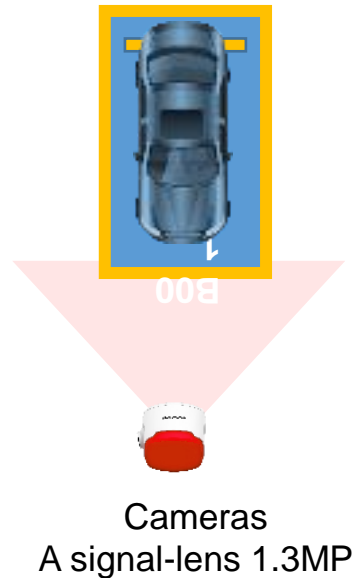
- Support import/ export vehicle information, including license plate number, allowlist / blocklist, virtual parking space number, and validity period

Model	DS-TCP440-(D)B(ES)
Lens Type	4MP, 2.8mm
LED light	Red, Green, Yellow, Blue, Cyan, Magenta
Power Supply	Hikvision PoE/ 12 to 24V DC wide-range voltage
Smart Function	ANPR
	Parking space status detection Crossing over line and motion detection analysis

Products Introduction – Parking Guidance Camera Key Application

1 There is Always a Suitable Camera

1.3 MP Parking Cameras detect and monitor one or two spaces while the 4 MP camera covers three. A dual-lens 4 MP camera detects and monitors six bays.



Products Introduction – Parking Guidance Camera Key Application



2

Let the Color Do the Talking

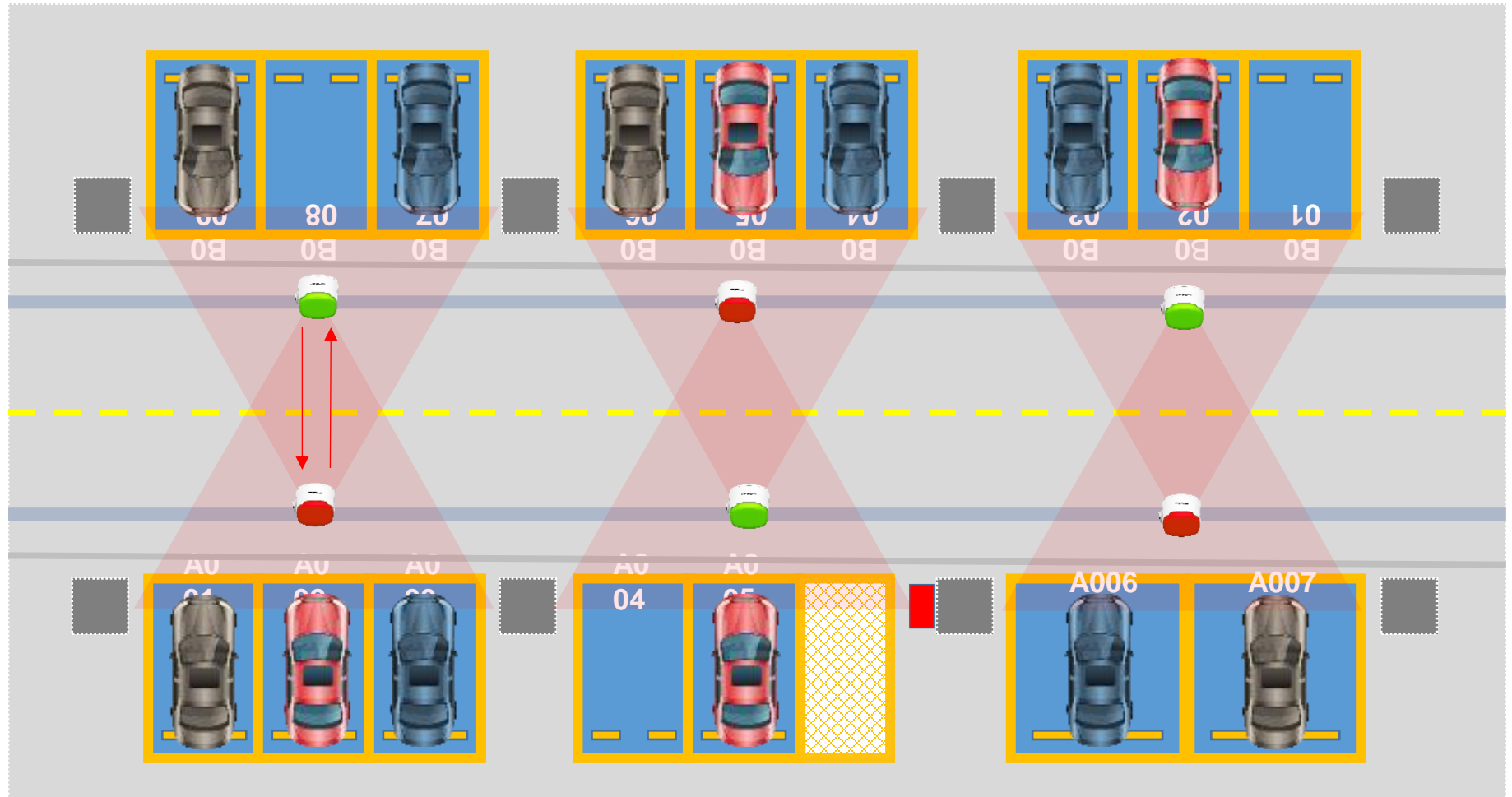
The indicator light inside the parking guidance camera has seven configurable colors, allowing for dynamic indication of the purpose of the parking bay – available (green), unavailable (red), disabled users (blue), women (magenta), VIP (yellow), or other reservations – and instant indication of parking bay availability. Unique parking status, such as reserved, unlicensed use, **or parking over the line can also be indicated by configuration.** What the color is talking about is defined by user.



Products Introduction – Parking Guidance Camera Key Application

3 Professional Guidance Light Control Design

If the installation position of the parking camera is not in the area where the parking place is located, a **cross-control indicator light** can support.



Parking Guidance Camera

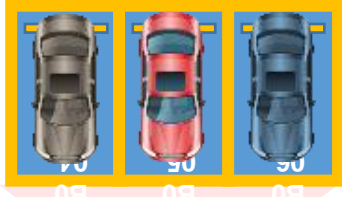
Parking Camera DS-TCPX40 can cover all shapes of parking space, to make the surveillance and recognition more accurately. Also, it support to show the parking space information of disable users and pregnant users, etc. by guidance display and to support aisle vehicle blocking LP detection.



01



Cameras
A signal-lens 1.3MP



01

02

03



Cameras
A signal-lens 4MP



01

02

03



Cameras
A dual-lens 4MP



04

05

06



Cameras
A dual-lens 4MP



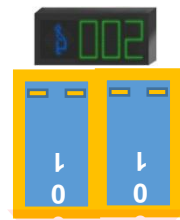
01

02

03

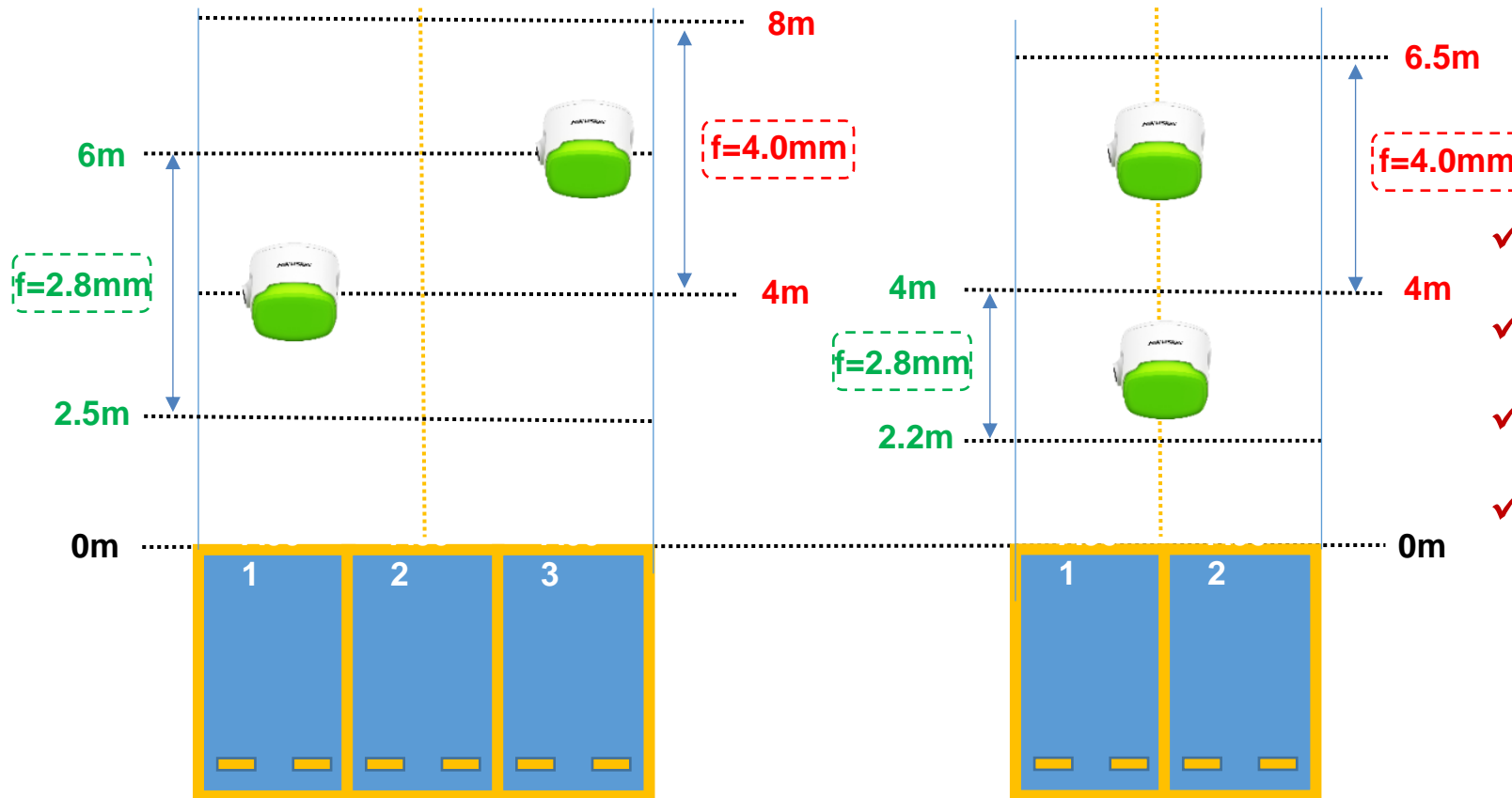


Support aisle vehicle blocking LP detection



Support guidance display to show the parking space information of disable users and pregnant users, etc.

Products Introduction – Parking Guidance Camera

4MP**1.3MP**

DS-TCPX40(D)B

- ✓ 1.3MP/2lots (2.8mm/4mm)
- ✓ 4MP/**single len/3lots** (2.8mm/4mm)
- ✓ 4MP/**2lens/6lots** (2.8mm/4mm)
- ✓ Model selection according to the actual situation on site

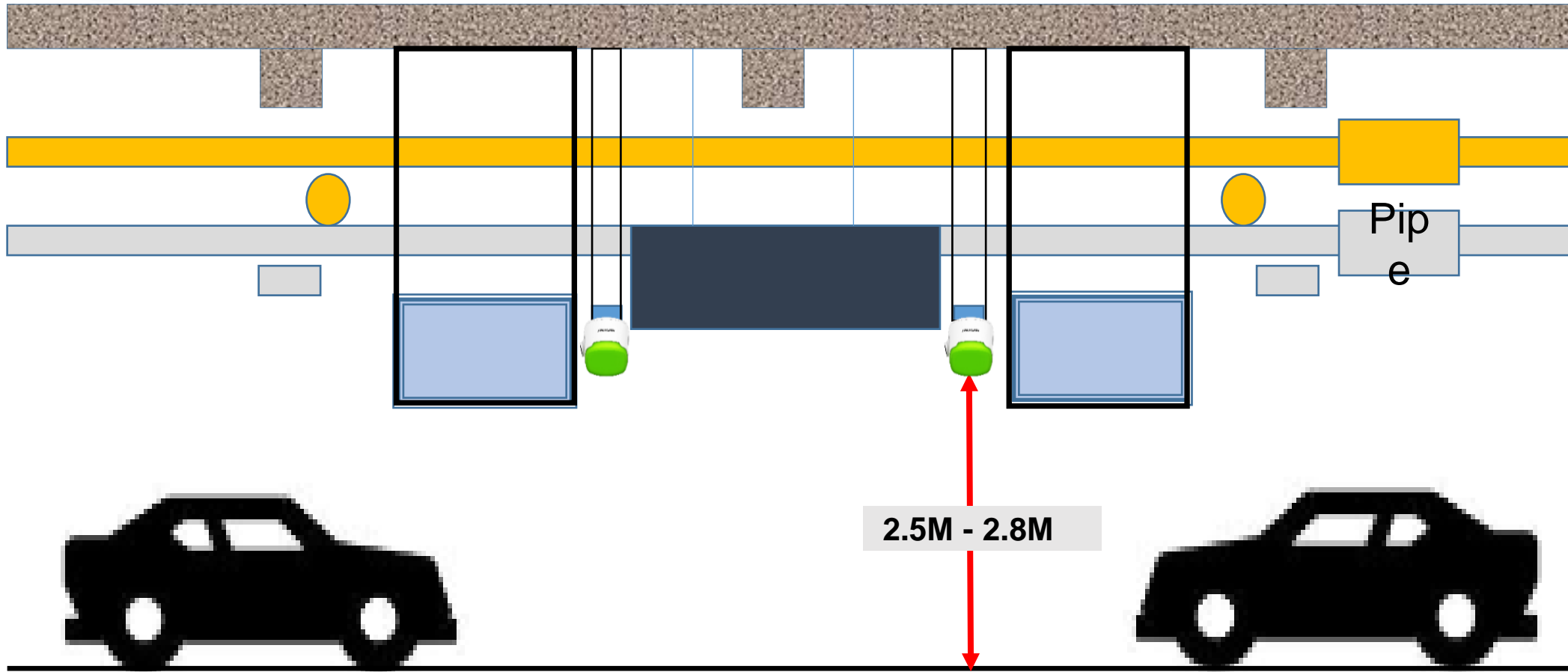
Products Introduction – Parking Guidance Camera

Recommend Installation

Model	Installation Distance	Installation Height
1.3MP(2.8mm)	2.2-4.0m(1-2 spaces)	2.5m(2.3m-2.8m)
1.3MP(4.0mm)	4.0-6.5m(1-2 spaces)	2.5m(2.3m-2.8m)
4MP(2.8mm)	2.5-6.0m(3 spaces)	2.5m(2.3m-2.8m)
4MP(4.0mm)	4.0-8.0m(3 spaces)	2.5m(2.3m-2.8m)

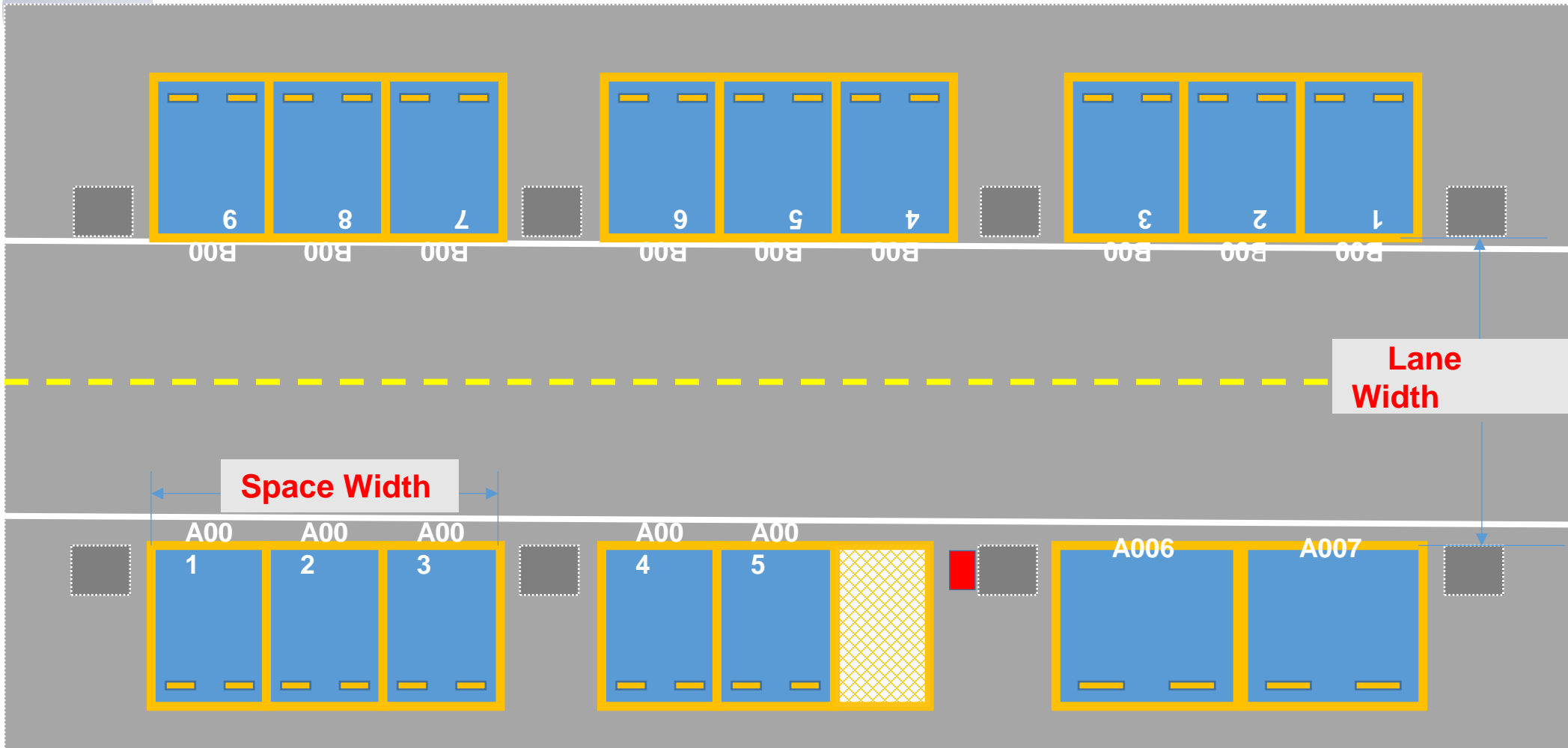
Products Introduction - Preparation before delivery

Site Survey



✓ The **installation height** of the camera is **2.5-2.8m** from the ground

Parking lot scheme design principle



- ✓ Measure the **width of parking spaces and lanes** to determine the camera model
- ✓ The maximum width of the parking space covered by 4MP camera is **8m**

Fisheye Parking Guidance Camera



DS-TCP506-EP
DS-TCPC06-EP

01

High Recognition Accuracy

Parking space status detection (accuracy \geq 99.99%).

02

Fisheye Lens

5/12 MP, ultra wide angle lens, can cover 360° view, realize no blind area monitoring

03

Image Correction

Support fisheye correction of two view and four view, support a variety of output modes

04

Hand-by-Hand Connection

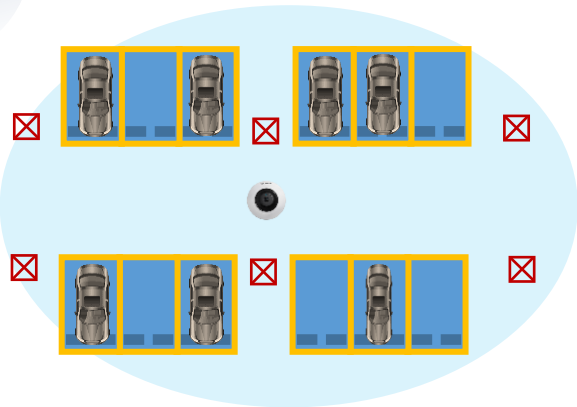
Support PoE. Connecting cameras in series can save power cables.

05

Integrated with Two Indicators

Up to 6 colors. Red, Green, Yellow, Blue, Cyan, and Magenta colors can be indicated.

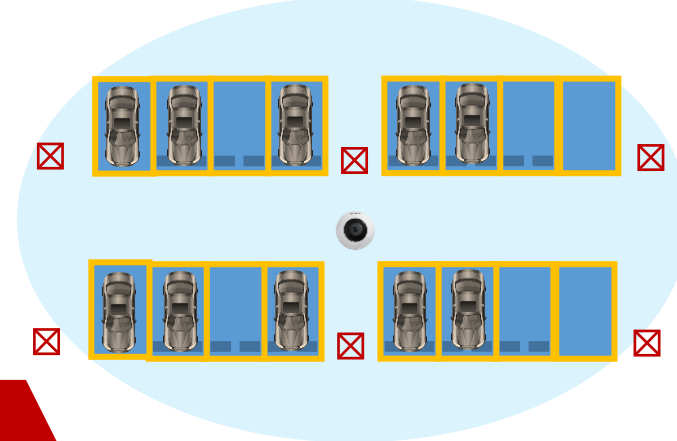
Fisheye Parking Detection Camera



Covers 12 parking space

5MP

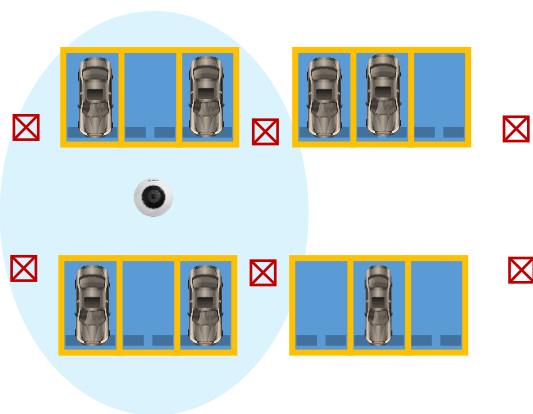
12MP



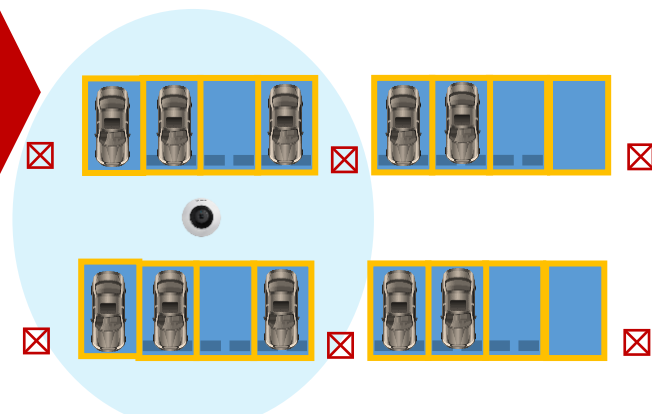
Covers 16 parking space

5MP

12MP



Covers 6 parking space + 2 channel CCTV



Covers 8 parking space + 2 channel CCTV

Fisheye Parking Guidance Camera



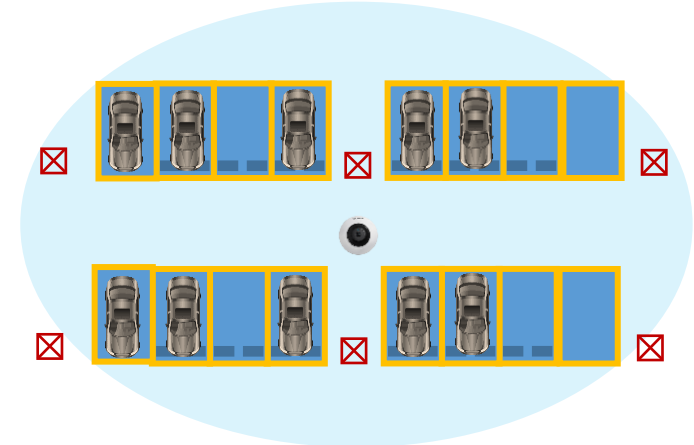
Fisheye view (12 MP)



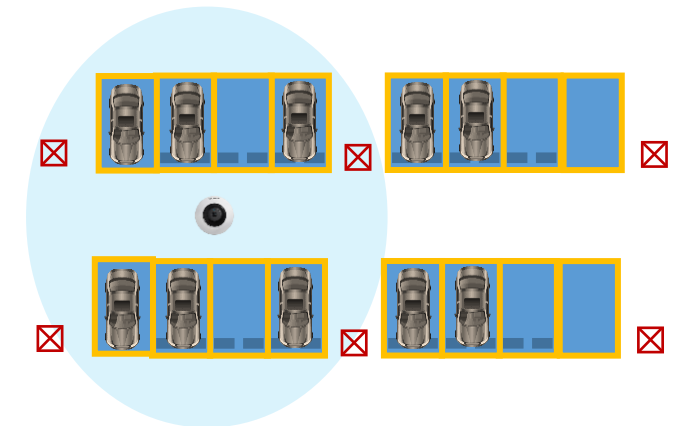
The corrected image of 2 view



The corrected image of 2 view
+2 channel CCTV



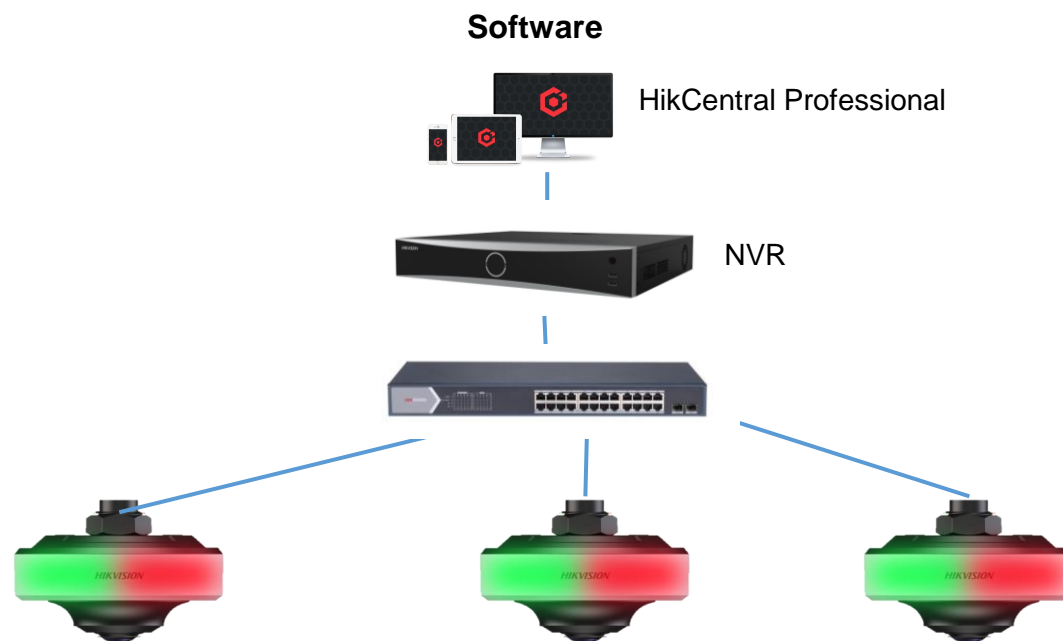
Covers 16 parking space



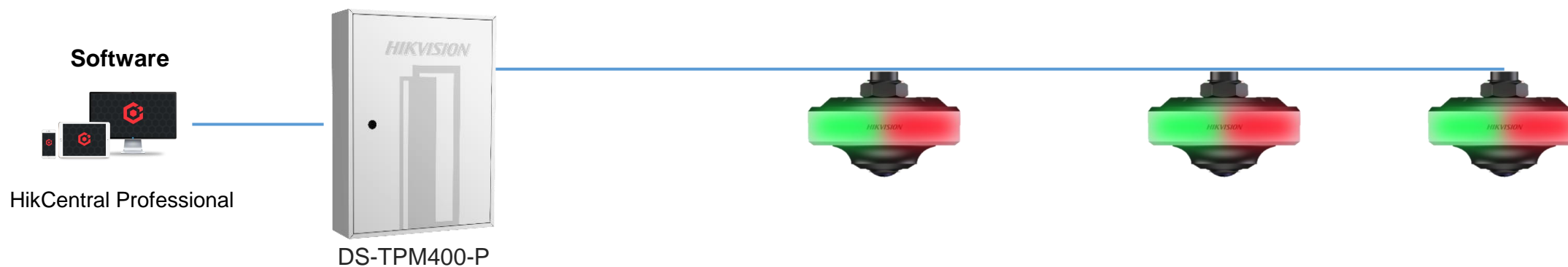
Covers 8 parking space
+2 channel CCTV

Fisheye Parking Guidance Camera

Standard PoE



HIKVISION PoE



HCP Parking

Análisis de nivel (cupo-zona-piso-parking)

HikCentral Professional Web Client

Vehicle

Search

Vehicle and Parking M...

Parking Lot Overview

Basic Settings

Parking Lot Management

Vehicle and Card Man...

Parking Guidance Configur...

Parking Space Overview

Search

Statistics and Reports

MTL Parking B

Naval Parking A

MTL Parking A

1st Floor

1 Relate Device

2 Configure Map

3 Mark Device

4 Configure Parking S...

Edit

Configure a map for the floor.

Add Zone + Add Parking Space Batch Add Batch Select Delete Size (-) Size (+) Horizontal Alignment Vertical Alignment Replace Map Delete Map

GOOLING TOWER

ELEVATOR LOBBY

JANITOR'S CLOSET (W/ SINK)

BICYCLE RACK

PEDESTRIAN WALK

48 SLOPE UP TO LEVEL 2 ABOVE

BULK STORAGE & STREET SWEEPER STORAGE

REFER TO ELEVATIONS FOR LOCATION OF OPENINGS

Back

Next

Análisis de nivel (cupo-zona-piso-parking)

Vehicle and Parking M...

Parking Lot Overview

Basic Settings

Parking Lot Management

Vehicle and Card Man...

Parking Guidance Configur...

Parking Space Overview

Search

Statistics and Reports

Parking Lot Operatio...

Parking Lot Occupati...

Parking Space Occup...

Parking Frequency

Weekly Occupancy Tr...

Parking Frequency

Report Mode

List View

Parking Lot*

☒

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☒

☒

☒

☒

MTL Parking A

☒

☒

1st Floor

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Zone 01

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Zone 02

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Zone 03

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Zone 04

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☒

Zone 05

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☒

Zone 06

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☒

2nd Floor

☒

☒

MTL Parking B

☒

☒

Naval Parking A

Report Type

Weekly

Time

Last Week

Generate Report

Export

Parking Space	Zone	Floor	Parking Lot	Time Period	Occupied Times
S 01	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	82
S 02	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	78
S 03	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	74
S 04	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	72
S 05	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	70
S 06	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	65
S 07	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	60
S 08	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	55
S 09	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	50
S 10	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	48
S 11	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	47
S 12	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	46
S 13	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	45
S 14	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	44
S 15	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	43
S 16	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	42
S 17	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	41
S 18	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	40
S 19	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	39
S 20	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	38
S 21	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	37
S 22	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	36
S 23	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	35
S 24	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	32
S 25	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	30
S 26	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	29
S 27	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	27
S 28	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	25
Total 28	100				

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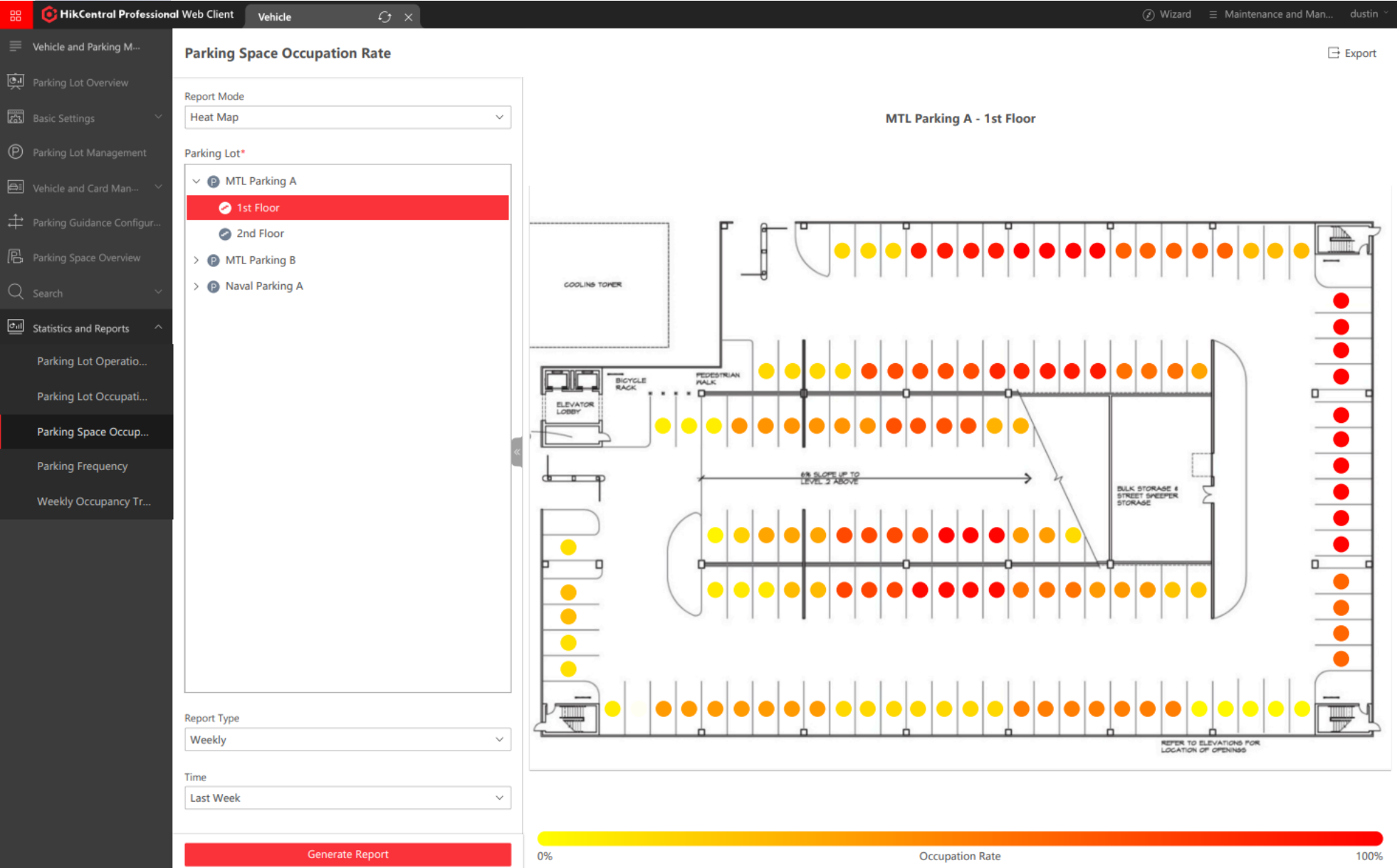
>

1

/ 1

Go

Análisis de nivel (cupo-zona-piso-parking)



Análisis de Tasa de ocupación



Company Image
Company Name ABC
Telephone No.: +1 (514) 786-4562
Email Address: xcompanysupport@gmail.com

Occupation Rate by Day

Generated by: xusername
Generated Time: 2022/10/24 16:36:57
Report Time Range: 2020/01/01 - 2022/12/31
Parking Lot/Floor involved: MTL Parking A/1st Floor, MTL Parking A/2nd Floor

Parking Space	Zone	Floor	Parking Lot	Time Period	Occupation Rate
S 01	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	85%
S 02	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	80%
S 03	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	75%
S 04	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	72%
S 05	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	70%
S 06	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	65%
S 07	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	60%
S 08	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	55%
S 09	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	50%
S 10	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	48%
S 11	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	47%
S 12	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	46%
S 13	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	45%
S 14	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	44%

Parking Space	Zone	Floor	Parking Lot	Time Period	Occupation Rate
S 01	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	85%
S 02	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	80%
S 03	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	75%
S 04	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	72%
S 05	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	70%
S 06	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	65%
S 07	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	60%
S 08	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	55%
S 09	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	50%
S 10	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	48%
S 11	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	47%
S 12	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	46%
S 13	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	45%
S 14	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	44%
S 15	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	43%
S 16	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	42%
S 17	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	41%
S 18	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	40%
S 19	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	39%
S 20	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	38%
S 21	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	37%
S 22	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	36%
S 23	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	35%
S 24	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	32%
S 25	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	30%
S 26	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	29%
S 27	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	27%
Total 28	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	36%

HCP Parking

Análisis de Frecuencia de Parking

Vehicle and Parking M...

Parking Lot Overview

Basic Settings

Parking Lot Management

Vehicle and Card Man...

Parking Frequency

Report Mode

Report Type

Time

Generate Report

MTL Parking A - 1st Floor

MTL Parking A

1st Floor

2nd Floor

MTL Parking B

Naval Parking A

Report Mode

List View

Parking Lot*

MTL Parking A

1st Floor

Zone 01

Zone 02

Zone 03

Zone 04

Zone 05

Zone 06

2nd Floor

MTL Parking B

Naval Parking A

Report Type

Weekly

Time

Last Week

Generate Report

Export

Parking Space	Zone	Floor	Parking Lot	Time Period	Occupied Times
S 01	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	82
S 02	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	78
S 03	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	74
S 04	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	72
S 05	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	70
S 06	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	65
S 07	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	60
S 08	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	55
S 09	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	50
S 10	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	48
S 11	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	47
S 12	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	46
S 13	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	45
S 14	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	44
S 15	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	43
S 16	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	42
S 17	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	41
S 18	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	40
S 19	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	39
S 20	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	38
S 21	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	37
S 22	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	36
S 23	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	35
S 24	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	32
S 25	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	30
S 26	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	29
S 27	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	27
S 28	Zone 01	1st Floor	MTL Parking A	2023/02/01 00:00:00 - 2023/02/07 23:59:59	25
Total 28	100				

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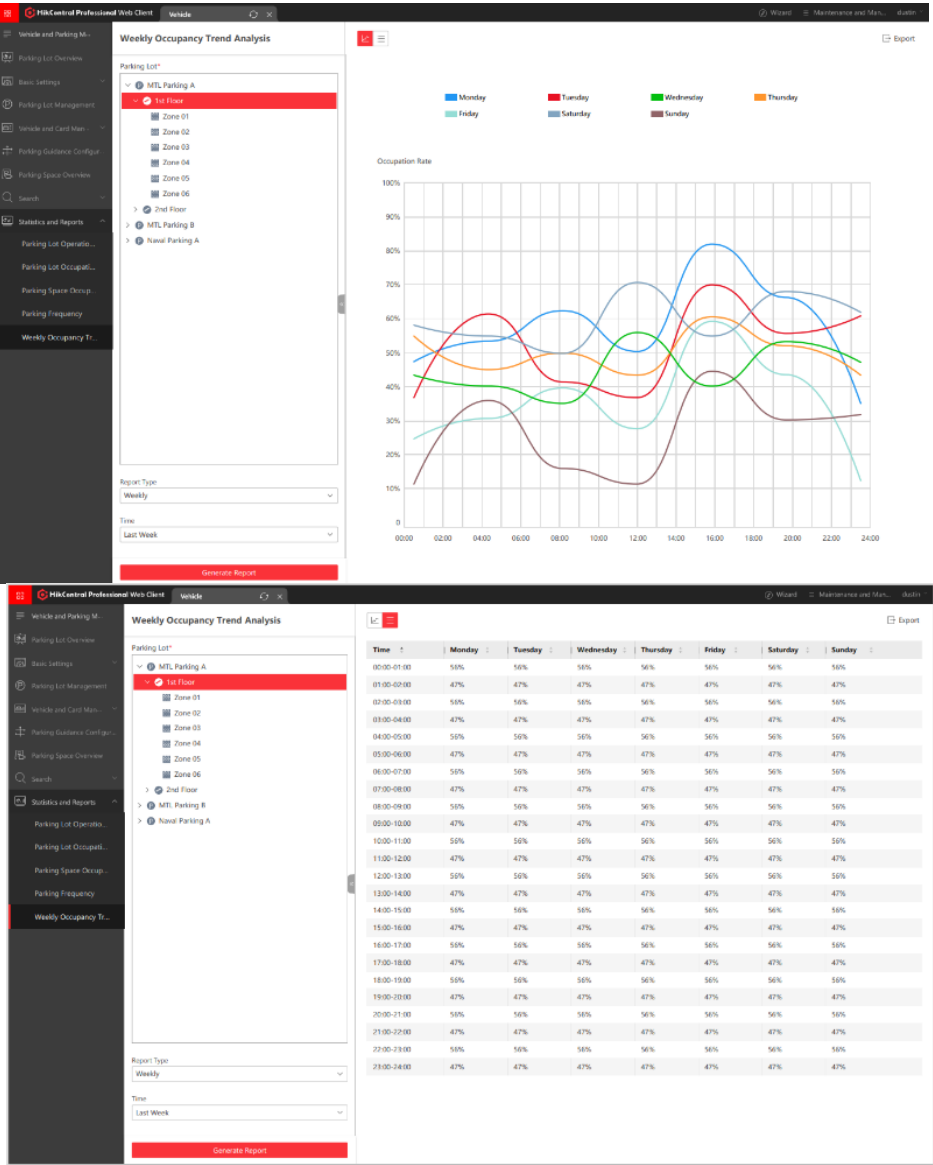
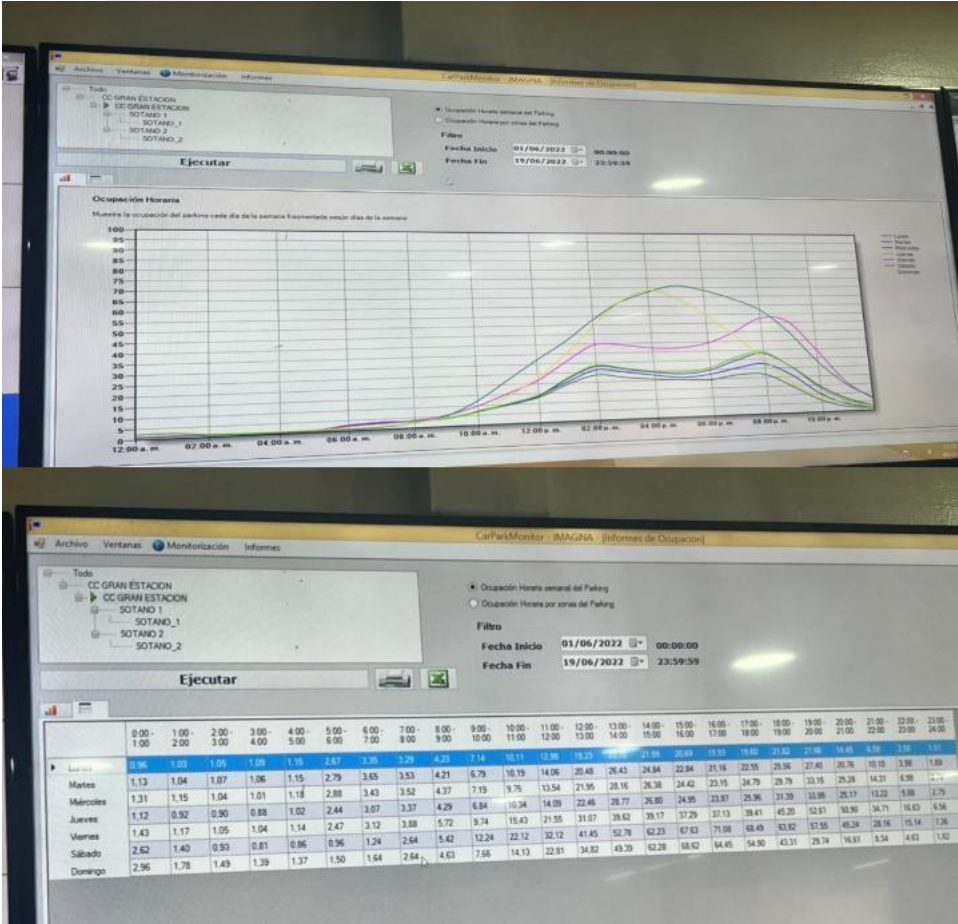
/ 1

Go

HCP Parking



Análisis de Horario



Weekly Occupancy Trend Analysis

Generated by: subname
Generated Time: 2022/10/24 16:36:57
Report Time Range: 2020/01/01 - 2022/12/31
Parking Lot/Floor/Zone Involved: MTL Parking A/1st Floor

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
00:00-01:00	50%	50%	50%	50%	50%	50%	50%
01:00-02:00	47%	47%	47%	47%	47%	47%	47%
02:00-03:00	50%	50%	50%	50%	50%	50%	50%
03:00-04:00	47%	47%	47%	47%	47%	47%	47%
04:00-05:00	50%	50%	50%	50%	50%	50%	50%
05:00-06:00	47%	47%	47%	47%	47%	47%	47%
06:00-07:00	50%	50%	50%	50%	50%	50%	50%
07:00-08:00	47%	47%	47%	47%	47%	47%	47%
08:00-09:00	50%	50%	50%	50%	50%	50%	50%
09:00-10:00	47%	47%	47%	47%	47%	47%	47%
10:00-11:00	50%	50%	50%	50%	50%	50%	50%
11:00-12:00	47%	47%	47%	47%	47%	47%	47%
12:00-13:00	50%	50%	50%	50%	50%	50%	50%
13:00-14:00	47%	47%	47%	47%	47%	47%	47%
14:00-15:00	50%	50%	50%	50%	50%	50%	50%
15:00-16:00	47%	47%	47%	47%	47%	47%	47%
16:00-17:00	50%	50%	50%	50%	50%	50%	50%
17:00-18:00	47%	47%	47%	47%	47%	47%	47%
18:00-19:00	50%	50%	50%	50%	50%	50%	50%
19:00-20:00	47%	47%	47%	47%	47%	47%	47%
20:00-21:00	50%	50%	50%	50%	50%	50%	50%
21:00-22:00	47%	47%	47%	47%	47%	47%	47%
22:00-23:00	50%	50%	50%	50%	50%	50%	50%
23:00-24:00	47%	47%	47%	47%	47%	47%	47%

Licenciamiento

Parking Space	HikCentral-P-Parking-1Space	401000423	Parking Space Expansion Package Prerequisite: Video Surveillance Base Package Warranty: none Supported: -Parking Lot: 1 parking space manageable; Additional: Up to 3000 parking spaces manageable by each HikCentral Professional server.
Parking Charging	HikCentral-P-Parking-Charging/Module	401000424	Parking Charging Module Expansion Package Prerequisite: Entrance & Exit Module Expansion Package Warranty: none Supported: -Parking lot: Parking charging supported; Additional: Charging Rule, Paper Coupon, Recharge, Center or Booth Charging, Charging Record Retrieval, Revenue and Expenditure Statistical Analysis Report, etc.
Parking Analysis	HikCentral-P-Parking-Analysis/Module	401000425	Parking Lot Analysis Module Expansion Package Prerequisite: Entrance & Exit Module Expansion Package Warranty: none Supported: —Parking Lot: Parking lot analysis supported; Additional: Parking lot operation analysis report, including real—time parking statistics, parking occupancy, parking time distribution, in/out flow, etc.
Parking Inquiry	HikCentral-P-Parking-1Unit/Inquiry	401000507	Vehicle Inquiry Terminal Expansion Package Prerequisite: Entrance & Exit Module Expansion Package. Warranty: none Supported: -Parking Lot: 1 Vehicle Inquiry Terminal manageable. Additional: Up to 16 Vehicle Inquiry Terminal devices manageable by each HikCentral Professional server.