ASUS MAAS

## About ASUS MAAS

**ASUS MAAS** is committed to develop products and services that aims to revolutionize the way people access and use transportation.

Our extensive expertise in AIoT technologies, coupled with our dedicated team of engineers and researchers, enables us to develop emerging solutions that transform the way parking is managed and payments are processed.

Furthermore, with the integration of smart parking technology, electric vehicle (EV) charging has never been more convenient and efficient.

We seamlessly combine smart parking and EV charging infrastructure to maximize the efficiency of parking spots with charging stations.

We focus on the two main aspects of

**- Smart parking system & Multiple payment kiosk**

**- Smart electric vehicle charging solutions**

# Application Scenario Description

# Solution A

## Off-Street Parking Lot

Parking Lot Gateway / ALPR /
Occupancy Detection / Payment /
EV Charging

Z-Spotter

Gateway Box

All-In-One EV Charger

Payment Kiosk

# Solution B
## Parking Lot

Parking Lot Gateway / ALPR /
Occupancy Detection / Payment /
EV Charging / Reservation

X-Spotter

Gateway Box

11KW EV Charger

Payment Kiosk

# Solution C

## Community / Building Parking Lot

Parking Lot Gateway / ALPR /
Occupancy Detection / Payment /
EV Charging / Reservation

X-Spotter

Gateway Box

11KW EV Charger

All-In-One EV Charger

# Solution D

## Roadside Parking Lot

Parking Lot Gateway / ALPR /
Occupancy Detection / Payment /
EV Charging

Z-Spotter

Roadside
ALPR Bollard

All-In-One
EV Charger

Payment
Kiosk

# Product Lists

# Roadside ALPR Bollard

DESIGN AWARD 2024

ALPR / Occupancy Detection / Payment

# All-In-One EV Charger

DESIGN AWARD 2024

ALPR / Occupancy Detection / Payment /
EV Charging / Indicator Light

# EV Charger / 11KW

Cardless Unlock / EMS /
Payment / EV Charging

# EV Charger DC120S

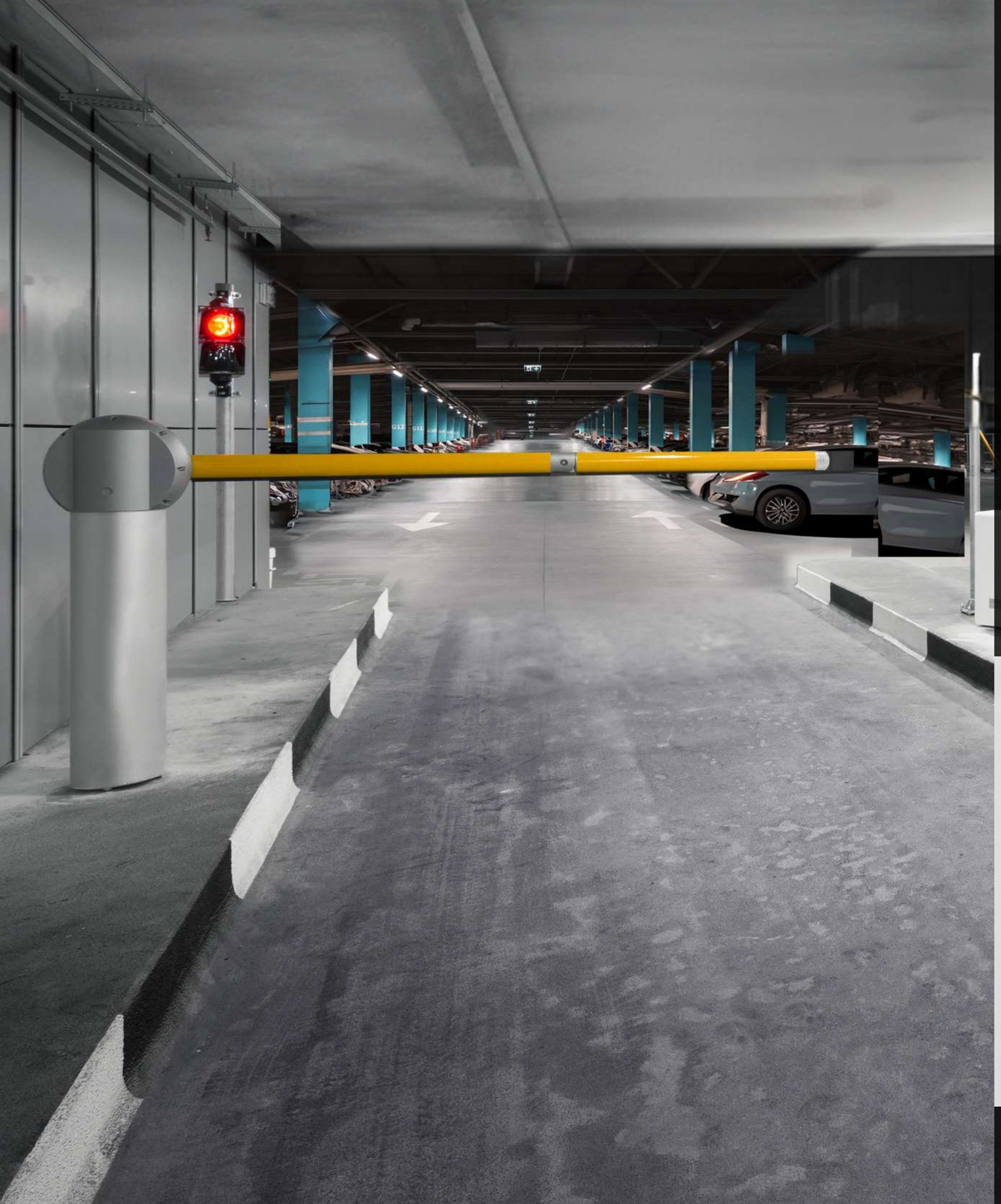
Voltage Range 200-1000V DC /
CCS1 & CCS2 / OCPP 1.6J /
Cable Management System Compliant with ADA

# Embedded Spotter

ALPR / Occupancy Detection
Indicator Light / AI 2.0

# Payment Kiosk

Online Payment / QR Code /
Credit Card / E-Ticket

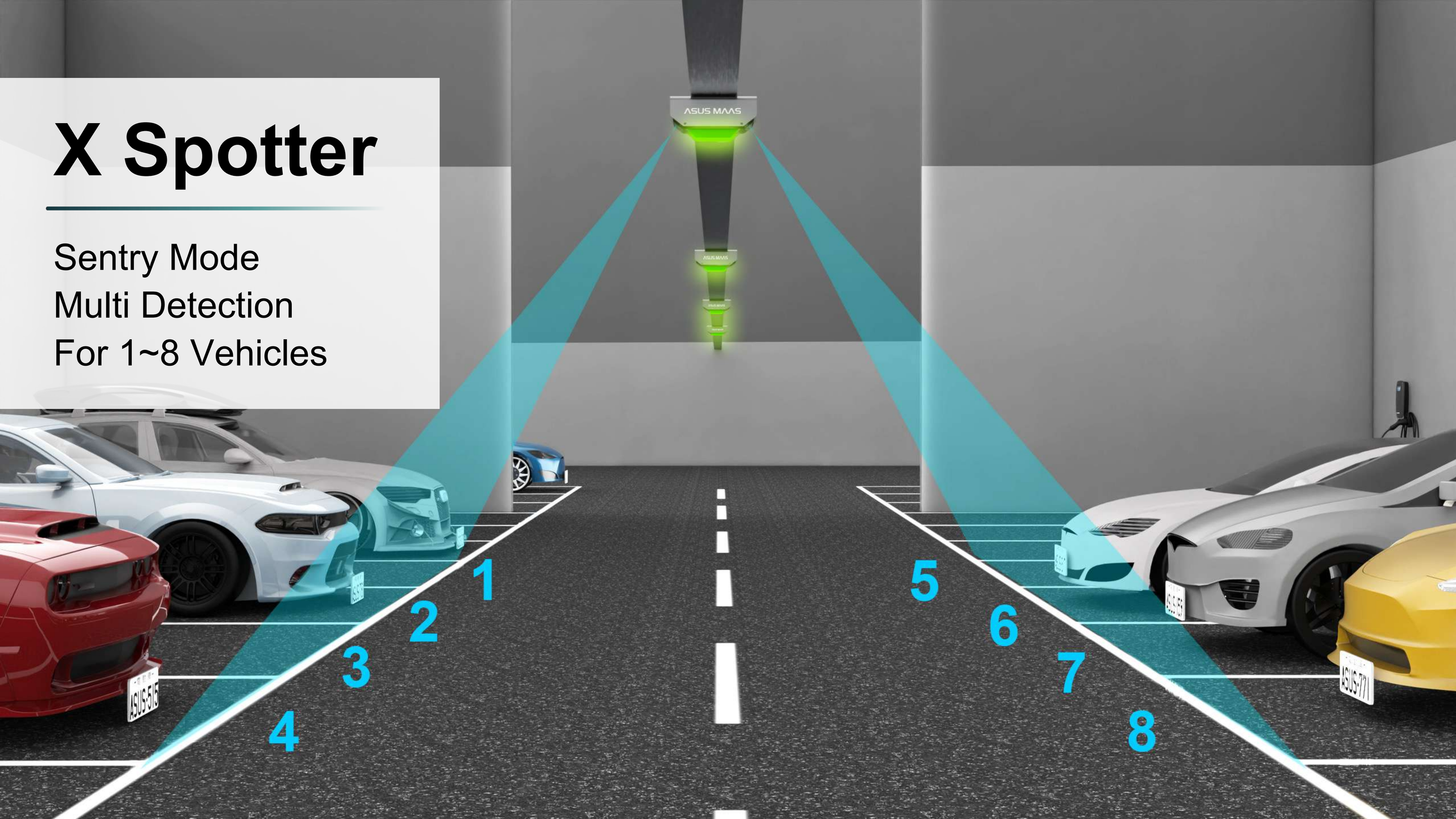


# Gateway Box

ALPR /
Parking Lot Gateway Control System

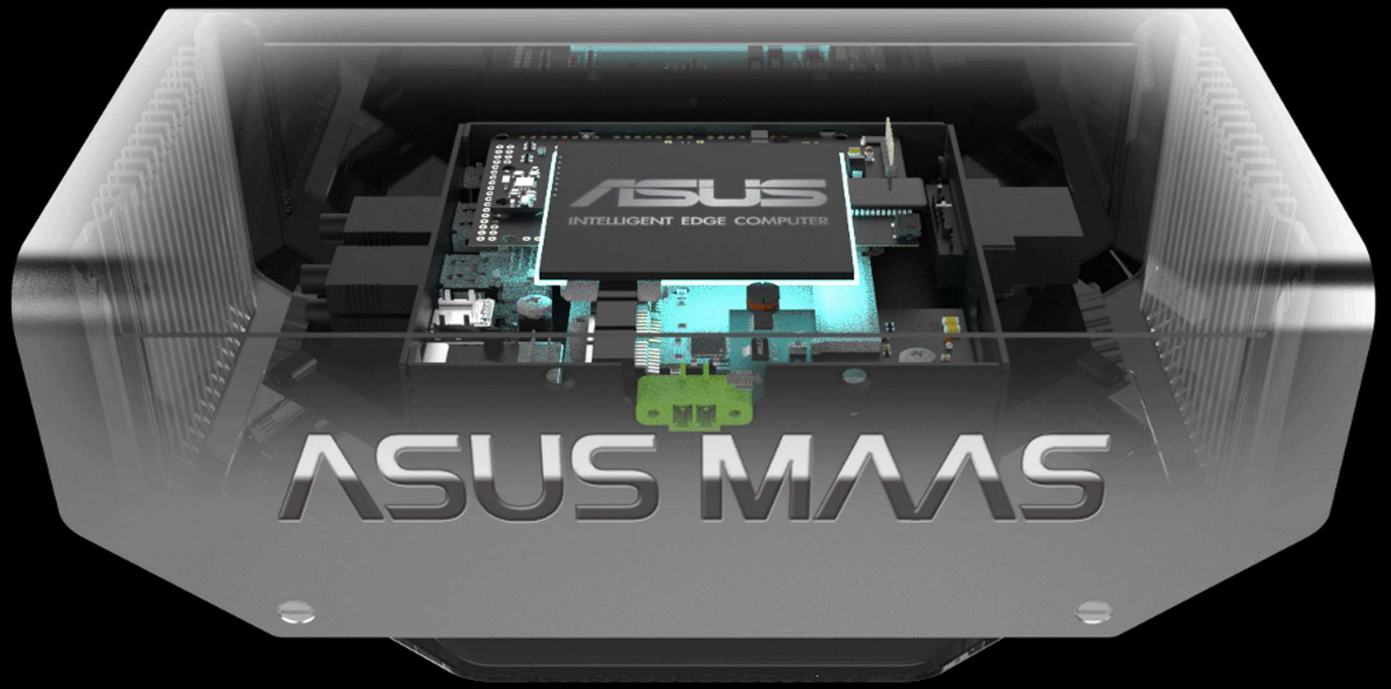
# X Spotter

ALPR / IVS / Occupancy Detection /
Dual Cameras / Indicator Light /
AI 2.0




# X Spotter

Sentry Mode
Multi Detection
For 1~8 Vehicles

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# ASUS IoT

# Case Study

# Taichung City Hall Garden Parking

Equipped with **899** parking spaces, **31** for charging spaces

X-Spotter

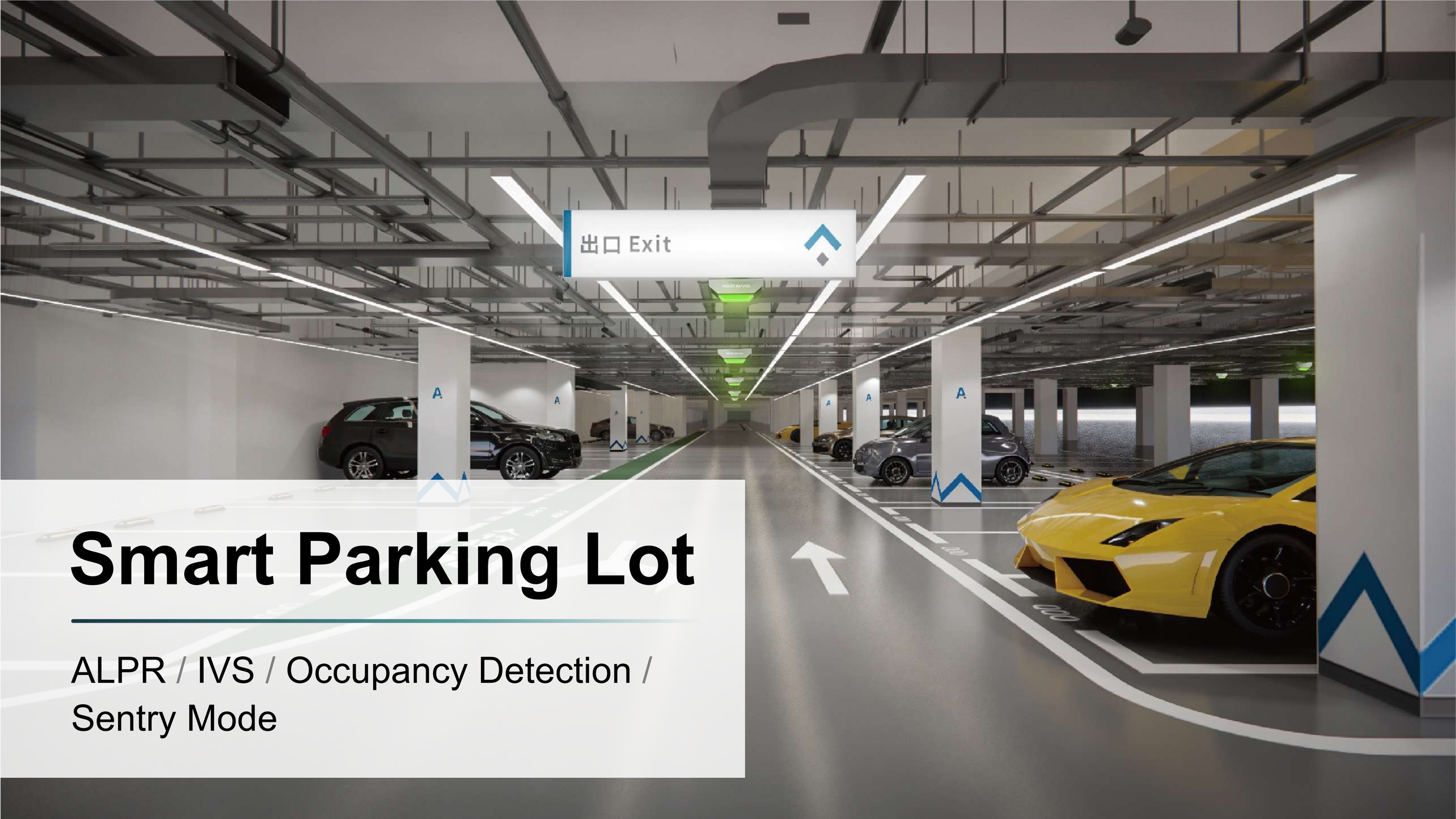
x 192

Gateway Box

x 8

11KW
EV Charger

x 31




# Smart Parking Lot

ALPR / IVS / Occupancy Detection / Sentry Mode

# Hanshin Department Store

Equipped with **710** parking spaces, **35** for charging spaces

**X-Spotter**

**x 175**

**Gateway Box**

**x 4**

**11KW EV Charger**

**x 35**

# Reserve Charging Parking Space Service

The parking reservation system guides drivers to their reserved spots through screen displays.

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