POINTR
Automated Number Plate
Recognition Systems
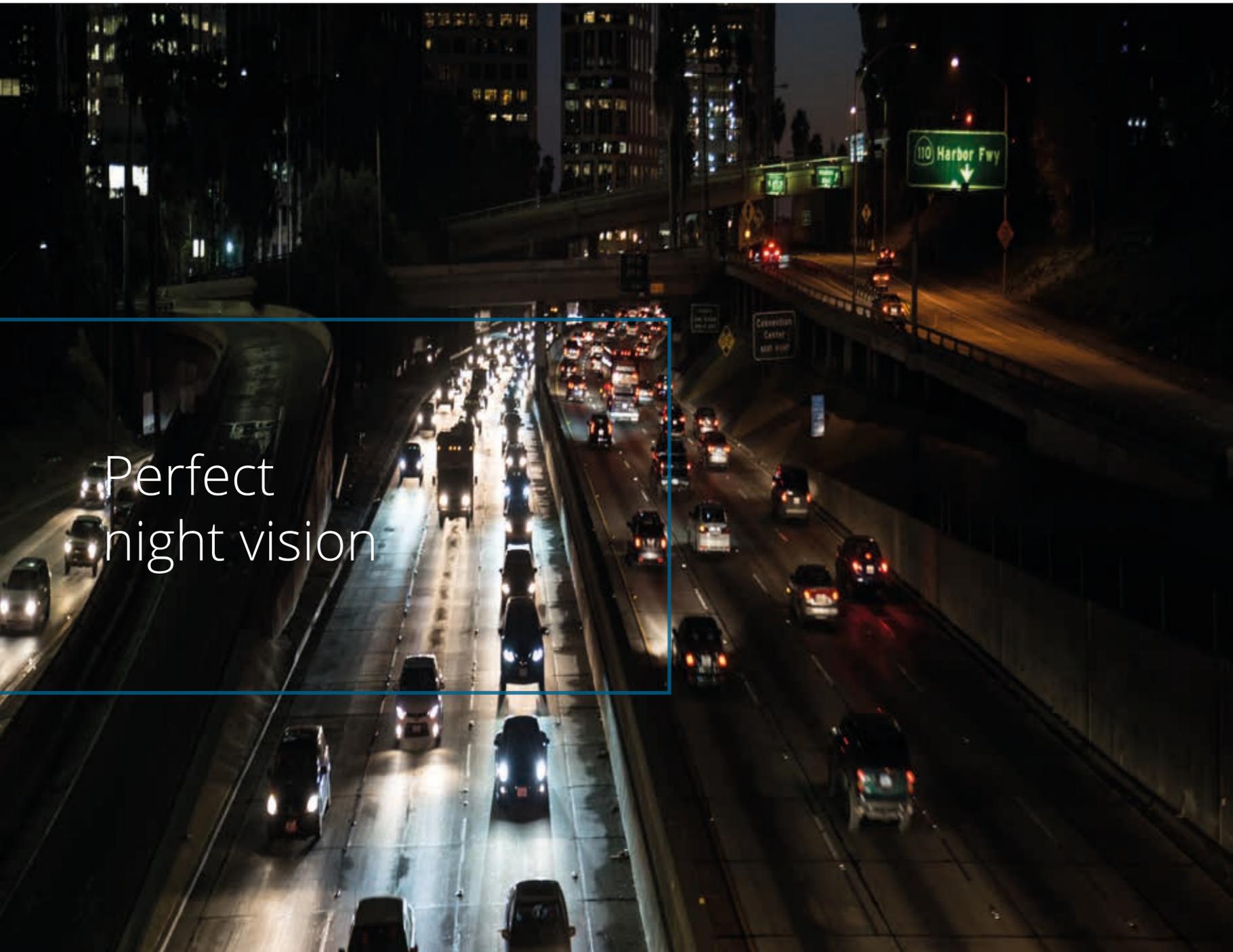
Complete Mobility Provider.

Who are we?

Founded in 2009, ISSD provides solutions to create added value in the field of intelligent transport. Its areas of expertise include traffic management, electronic applications and consulting services. With the slogan 'Complete Mobility Provider', ISSD contributes to mobility from A to Z by working for a greener, more efficient and accessible transport future in more than 5000 locations in 15 countries. ISSD is located in METU Teknokent, Turkey's most prestigious technology development zone. The company stands out from its competitors with its product portfolio, technical expertise, R&D capabilities and long-term customer relationships. ISSD's young and talented team is committed to creating value and aims to become a global leader by delivering this value to the world.
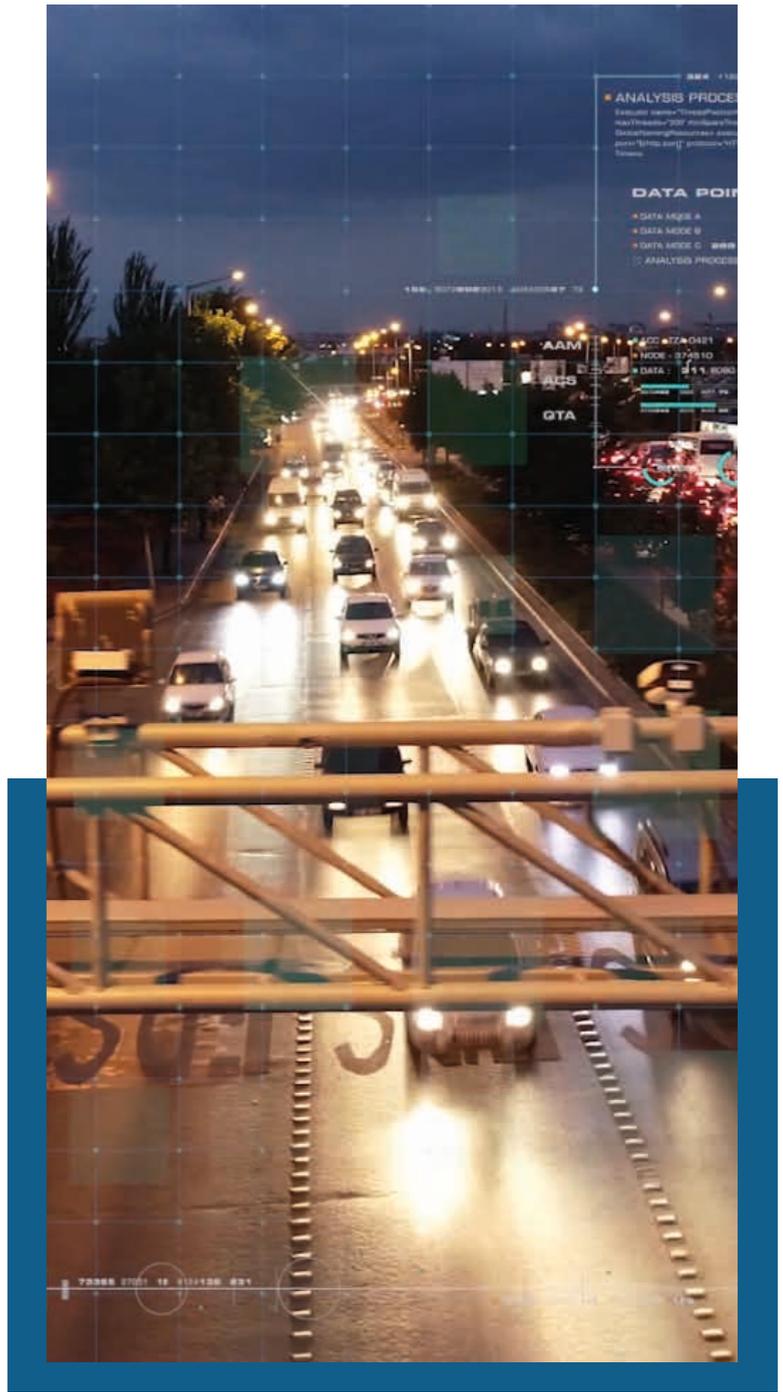
ISSD
INTEGRATED SYSTEMS & SYSTEMS DESIGN

Perfect
night vision

POINTR
Automated
Number Plate Recognition Systems

Automated Number Plate Recognition (ANPR) Systems detect number plates, record all processed data and serve them for further analysis.

Current ANPR Systems can also detect model and color of the vehicles apart from the number plates. These data can be transmitted to a remote center through network connection.

POINTR can be installed to camera poles, bridges, highways easily thanks to its compact form.
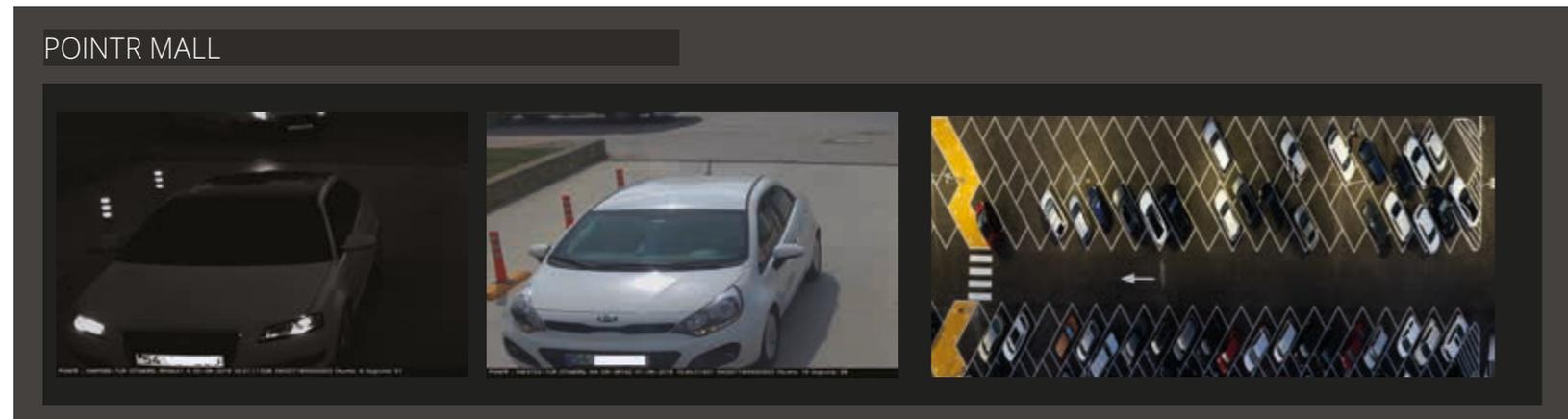
POINTR for
City Security.

Automated Number Plate Recognition System
POINTR Moonlight, POINTR P3000

Automated Number Plate Recognition System allows the vehicle license plates to be read, stored and analyzed.

Automated Number Plate Recognition System

- Integrated License Plate Recognition System
- High Resolution Camera
- Continuing to work by keeping records in memory in network connection failures
- Night vision with IR Led
- IP 66, IK10 and NEMA 4x certified enclosure
- Ability to work 24/7
- Brand, type and color recognition
- Sending data to a central server via FTP
- Average speed violation detection with central software

Easy Operation, Easy Installation and Easy Integration

Highway Number Plate Recognition Systems in compact structures can be mounted on roads, bridges, highways and art structures.

Automated Number Plate Recognition System Applications

- Red Light Enforcement Systems
- Speed Corridor Enforcement Systems
- Parking Enforcement Systems
- Mobile Enforcement Systems
- Safety Lane Enforcement Systems
- Overheight Detection Systems

Technical Specifications
POINTR Moonlight, POINTR P3000

System Specifications

Type	Integrated License Plate Recognition System. All In One Unit (Camera, IR Source, OCR Proccessor Unit)
Resolution	3 MP, 2048 x 1536 CMOS Color Camera
Lens	Varifocal Lens (8mm ~ 50 mm)
Lighting	64 / 6 Pieces High Power Infrared Led, 850 nm (Moonlight / P3000)
Storage	128 GB SSD (Upgradeable to 512 GB)
Video Format	2048x1546 30 FPS (H.264, H.265, MJPEG, MPEG4)

Network

Network	10/100 Base-T Ethernet (Ops. PoE)
Protocol	TCP/IP, UDP, HTTP, FTP, SMTP, NTP, DHCP, RTP
Instant Transfer	Restrictable 1 ~ 100 Instant Transfer to Defined FTP Server
Time Sync	NTP Server
Relay Output	Included

ANPR Specifications

Horizontal Recognition	4,2 Metre
Photo Tagging	Included (Plate, System Name, Date, etc.)
License Plate Recognition	Plates with Non-Reflective Floor (Rectangular, Square)
Vehicle Recognition	96% Capture 96% Plate 80% Type 70% Brand 70% Color Accuracy Rate

Power

Operating Voltage	24 VAC
Power Consumption	30 ~ 50 W

Environmental

Cooling/Heating	Included
Operating Humidity Range	%0 ~ %90
Operating Temperature	-40 ~ +85
Sunroof	Included
Enclosure	IP66 / IK10 / NEMA 4X

Certificates

CE	Included
Certification	LVD EN 61000 EN 60950 EN 55016 EN 60068

Outdoor Unit

Dimensions	164 x 132 x 404 mm (GxYxU)
Weight	4.5 Kg

Mall Automated Number Plate Recognition Systems
POINTR MALL

Although number plate recognition systems are generally used to detect vehicle number plates, the rapid technological changes in imaging sensors in recent years mean that they can also detect the make and colour of vehicles.

POINTR Mall is an integrated number plate recognition system specially designed for use in shopping centres. POINTR Mall is an integrated system with a high resolution IP camera, embedded image processing unit and power distribution unit. POINTR Mall can read the number plates of vehicles 24/7 with 95% accuracy, and can detect the make and colour of vehicles during hours of sufficient illumination. All types of data generated by the system can be transmitted to any remote centre via a network connection.

POINTR Mall, like all the number plate recognition systems produced by ISSD, is fully integrated with the central software of the number plate recognition system used by the General Directorate of Security and therefore by POLNET.

POINTR MALL

Technical Specifications
POINTR MALL

System Specifications		
Type	Integrated License Plate Recognition System. All In One Unit (Camera, IR Source, OCR Proccessor Unit)
Resolution	3 MP, 2048 x 1536 CMOS Color Camera
Lens	Varifocal Lens (8mm ~ 50 mm)
Lighting	64 / 6 Pieces High Power Infrared Led, 850 nm (Moonlight / P3000)
Storage	128 GB SSD (Upgradeable to 512 GB)
Video Format	2048x1546 30 FPS (H.264, H.265, MJPEG, MPEG4)

Network	
Network	10/100 Base-T Ethernet (Ops. PoE)
Protocol	TCP/IP, UDP, HTTP, FTP, SMTP, NTP, DHCP, RTP
Instant Transfer	Restrictable 1 ~ 100 Instant Transfer to Defined FTP Server
Time Sync	NTP Server
Relay Output	Included

Environmental	
Cooling/Heating	Included
Operating Humidity Range	%0 ~ %90
Operating Temperature	-40 ~ +85
Sunroof	Included
Enclosure	IP66 / IK10 / NEMA 4X

ANPR Specifications	
Horizontal Recognition	4,2 Metre
Photo Tagging	Included (Plate, System Name, Date, etc.)
License Plate Recognition	Plates with Non-Reflective Floor (Rectangular, Square)
Vehicle Recognition	96% Capture 96% Plate 80% Type 70% Brand 70% Color Accuracy Rate

Certificates	
CE	Included
Certification	LVD EN 61000 EN 60950 EN 55016 EN 60068

Power	
Operating Voltage	24 VAC
Power Consumption	30 ~ 50 W

Outdoor Unit	
Dimensions	164 x 132 x 404 mm (GxYxU)
Weight	4.5 Kg

Bullet Automated Number Plate Recognition System
POINTR B3000

Automated Number Plate Recognition (ANPR) Systems aim to detect and recognize the number plates however thanks to advanced image processing technology, advanced ANPR systems are also able to detect vehicle type, model and color. More importantly, with an appropriate Infrared Illuminator (IR) selection and synchronization to camera shutter, even the drivers can be visualized enough for face recognition.

POINTR B3000, recognizes the number plates with a success ratio of 90% under all possible weather conditions and recognizes the model and color of the vehicles. System may transmit all processed data to any remote center via network connection.

External high power IR illuminator enables the system to produce night images where the driver can easily be visualized.

Technical Specifications
POINTR B3000

System Specifications

Type	Integrated License Plate Recognition System. All In One Unit (Camera, IR Source, OCR Proccessor Unit)
Resolution	4 MP, 3840 x 2160 CMOS Color Camera
Lens	Varifocal Lens (2.7mm ~ 12 mm)
Lighting	6 Pieces High Power Infrared Led, 850 nm (Moonlight / P3000)
Storage	32 GB SSD (Upgradeable to 128 GB)
Video Format	1920x1080 30 FPS (H.264, H.265, MJPEG, MPEG4)

Network

Network	10/100 Base-T Ethernet (Ops. PoE)
Protocol	TCP/IP, UDP, HTTP, FTP, SMTP, NTP, DHCP, RTP
Instant Transfer	Restrictable 1 ~ 100 Instant Transfer to Defined FTP Server
Time Sync	NTP Server
Relay Output	Included

ANPR Specifications

Horizontal Recognition	4,2 Metre
Photo Tagging	Included (Plate, System Name, Date, etc.)
License Plate Recognition	Plates with Non-Reflective Floor (Rectangular, Square)
Vehicle Recognition	96% Capture 96% Plate 80% Type 70% Brand 70% Color Accuracy Rate

Power

Operating Voltage	24 VAC
Power Consumption	30 ~ 50 W

Environmental

Cooling/Heating	Included
Operating Humidity Range	%0 ~ %90
Operating Temperature	-40 ~ +85
Sunroof	Included
Enclosure	IP66 / IK10 / NEMA 4X

Certificates

CE	Included
Certification	LVD EN 61000 EN 60950 EN 55016 EN 60068

Outdoor Unit

Dimensions	164 x 132 x 404 mm (GxYxU)
Weight	4.5 Kg