

Hikvision AI Box - iDS-6704NXI-S/T

- ❑ Enhanced Perimeter Protection
- ❑ Reduced False Alarm



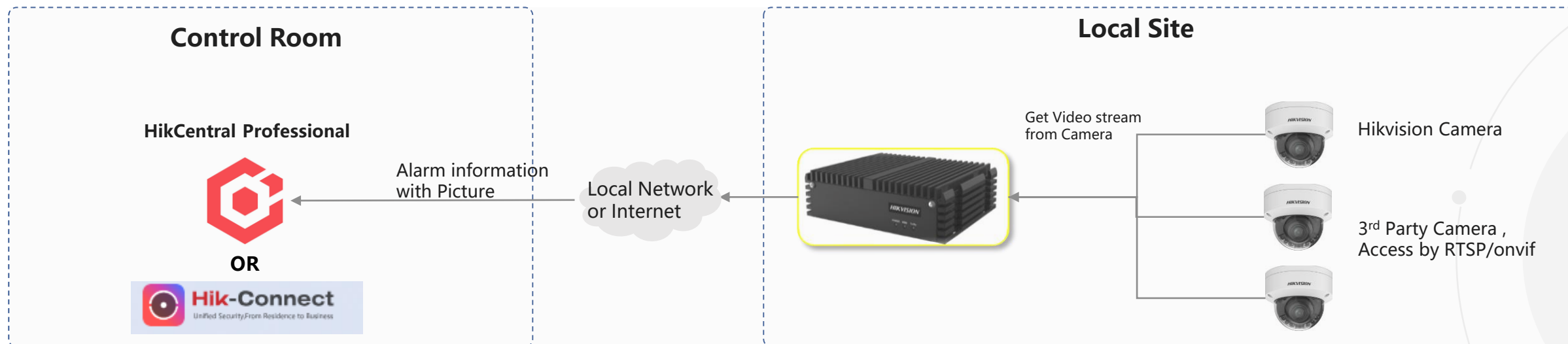
What's the Hikvision AI Box (iDS-6704NXI-S/T) ?



Which scenario can the AI Box be applied?

- The AI Box can provide a low-cost and quick solution to improve existing CCTV systems (without requiring changes to wiring or camera installation), Enhancing system alarm detection to industry-leading standards and enabling quick smart transformations
- The AI Box can connect to any brand of IP Camera to analyze standard camera streams in real-time to detect human and vehicle, compare with old motion detection camera, AI box dramatically reduces false alarms triggered by shadows, animals, and other factors

Integrate the AI Box into the existing CCTV system without the need for alterations to wiring or camera installation



Core Features of AI Box

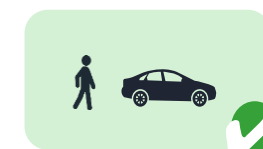
iDS-6704NXI-S/T



Compatibility

Compatible with All Brand IP cameras

False Alarm Reduction



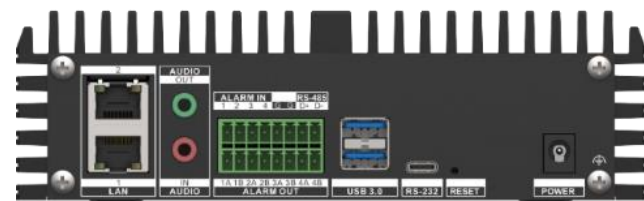
- Powered By **Large Model Technology**, Human and vehicle analysis simultaneously
- Up to **4-ch (6MP)** video stream perimeter protection
- The AI Box **reduces false alarms** by 80% in the same scene and time period, when compared to cameras using hikvision Acusense technology

Stable Operation & Flexible Deployment

- **Pre-installed 1TB SSD (mSATA) SSD**
- **Wide voltage** power supply 12v (3.2A/40W) or 48v(1.05A/50watt)
- 24/7 Monitoring & Recoding & analyzing



Temperature Adaptability (-30 °C ~ 60 °C)



iDS-6704NXI-S/T Dimension (W × D × H) 176 × 143 × 55 mm (6.9 × 5.6 × 2.2 inch), Weight ≤ 1kg (2.2 lb.)

Is there any limitation about the front-end IP camera?

There are no brand or specification requirements for the front-end IP cameras, as long as they support ONVIF or RTSP streaming. All analysis is performed by the AI Box, with the front-end camera only providing the video stream

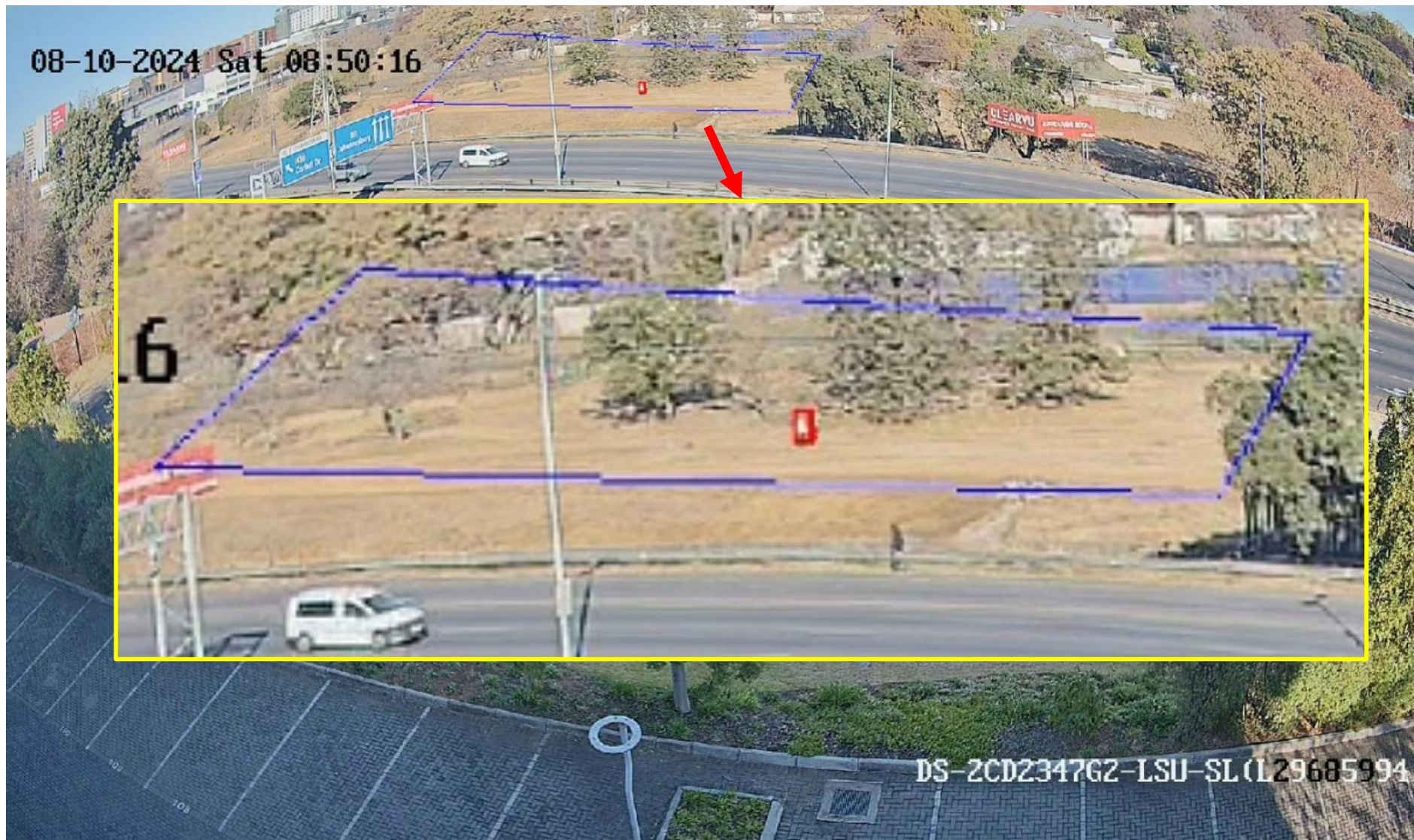
However, it's important to note that the camera's resolution and frame rate will impact the accuracy of the analysis, the higher the resolution and frame rate, the more accurate the analysis will be, Even when compared to cameras using AcuSense technology, the AI Box reduces false alarms by 80% in the same scene and time period

What improvements has the AI Box made in alarm analysis compared to a standard camera?

- 1. Improved Alarm Accuracy:** The AI Box enhances alarm accuracy by eliminating false alarms caused by environmental factors such as animals and shadows. Even when compared to cameras using AcuSense technology, the AI Box reduces false alarms by 80% in the same scene and time period.
- 2. Increased Detection Range :** For example, a standard camera with a 4mm lens might detect a person at 30-35 meters, but with the AI Box, this range can be extended to 60- 80meters (the distance effect may vary under different scenarios)
- 3. Wide-Angle Target Detection:** In scenarios where cameras are installed facing directly downward, the AI Box significantly improves the ability to detect targets, ensuring more accurate monitoring and analysis in such vertical setups

Demo Show Pictures - Long-Distance Target Detection

Hikvision Camera DS-2CD2347G2 **VS** Hikvision AI Box iDS-6704NXI-S/T
In the same scenario, the camera cannot detect person at a distance, but the AI Box can.



Demo Show Pictures - Long-Distance Target Detection

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Demo Show Pictures - Long-Distance Target Detection

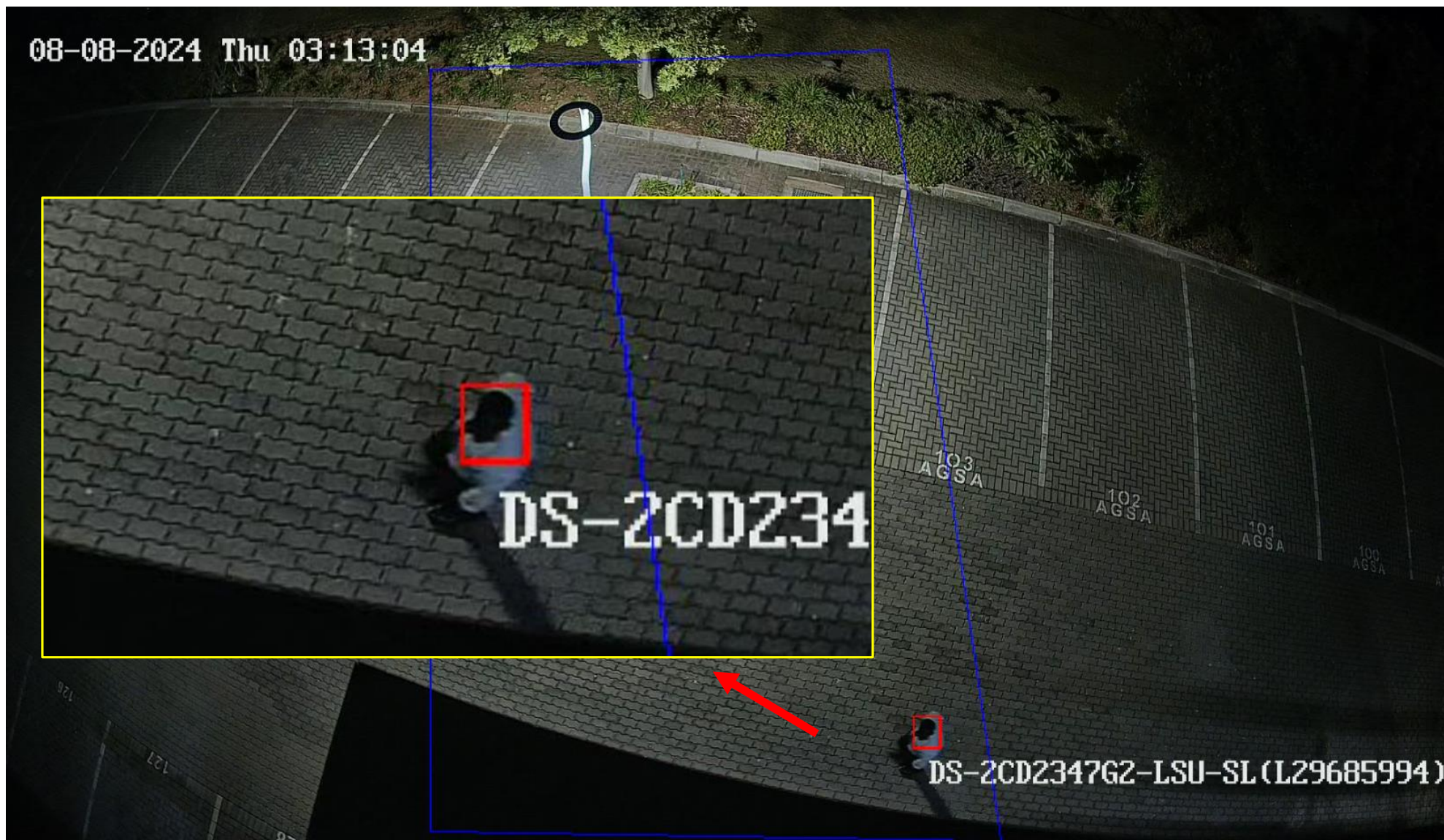
Hikvision Camera DS-2CD2347G2 **VS** Hikvision AI Box iDS-6704NXI-S/T
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Demo Show Pictures - Wide-Angle Target Detection

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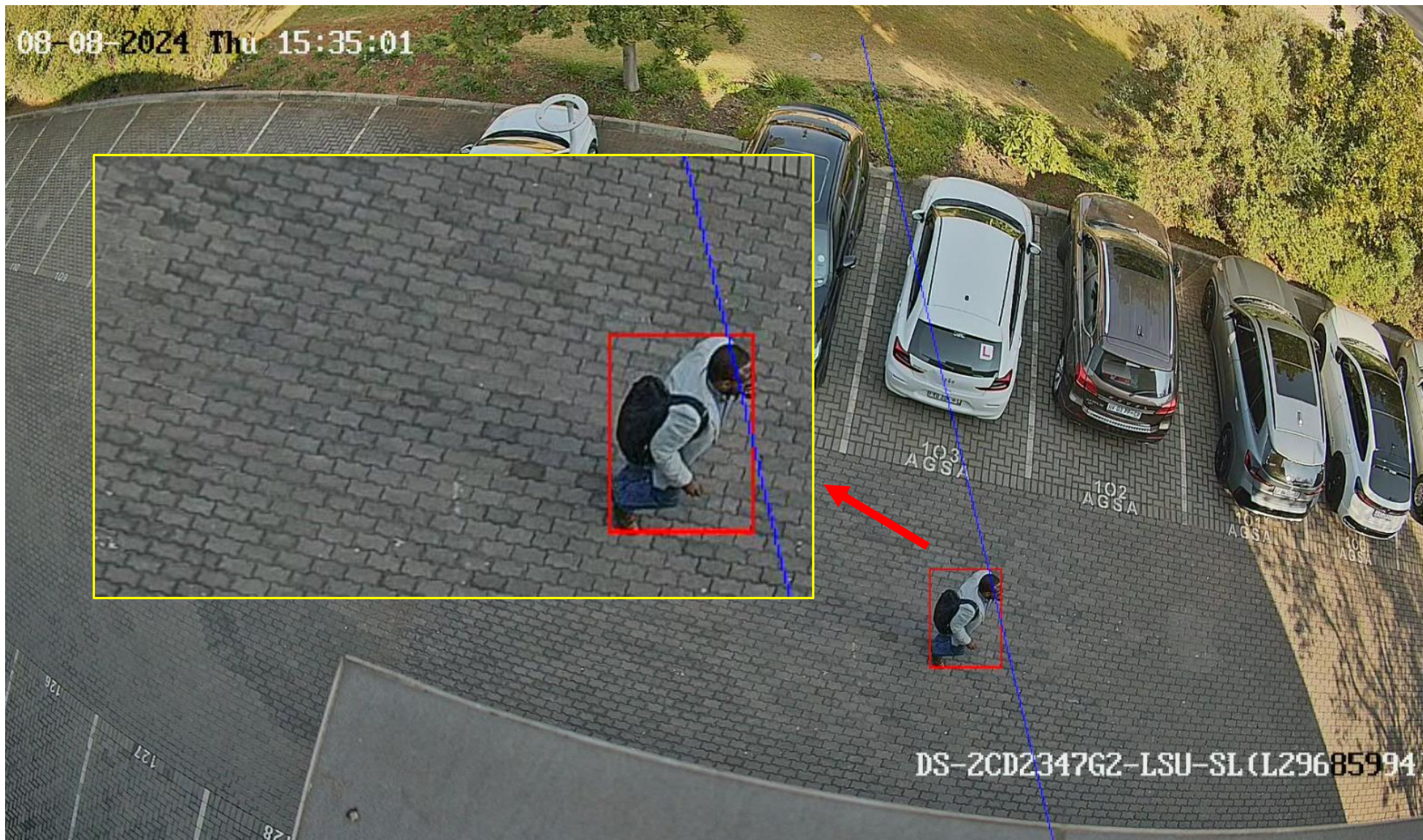
In the same scenario, the camera hard to detect person at overhead angle, but the AI Box can do it accurately



Demo Show Pictures - Wide-Angle Target Detection

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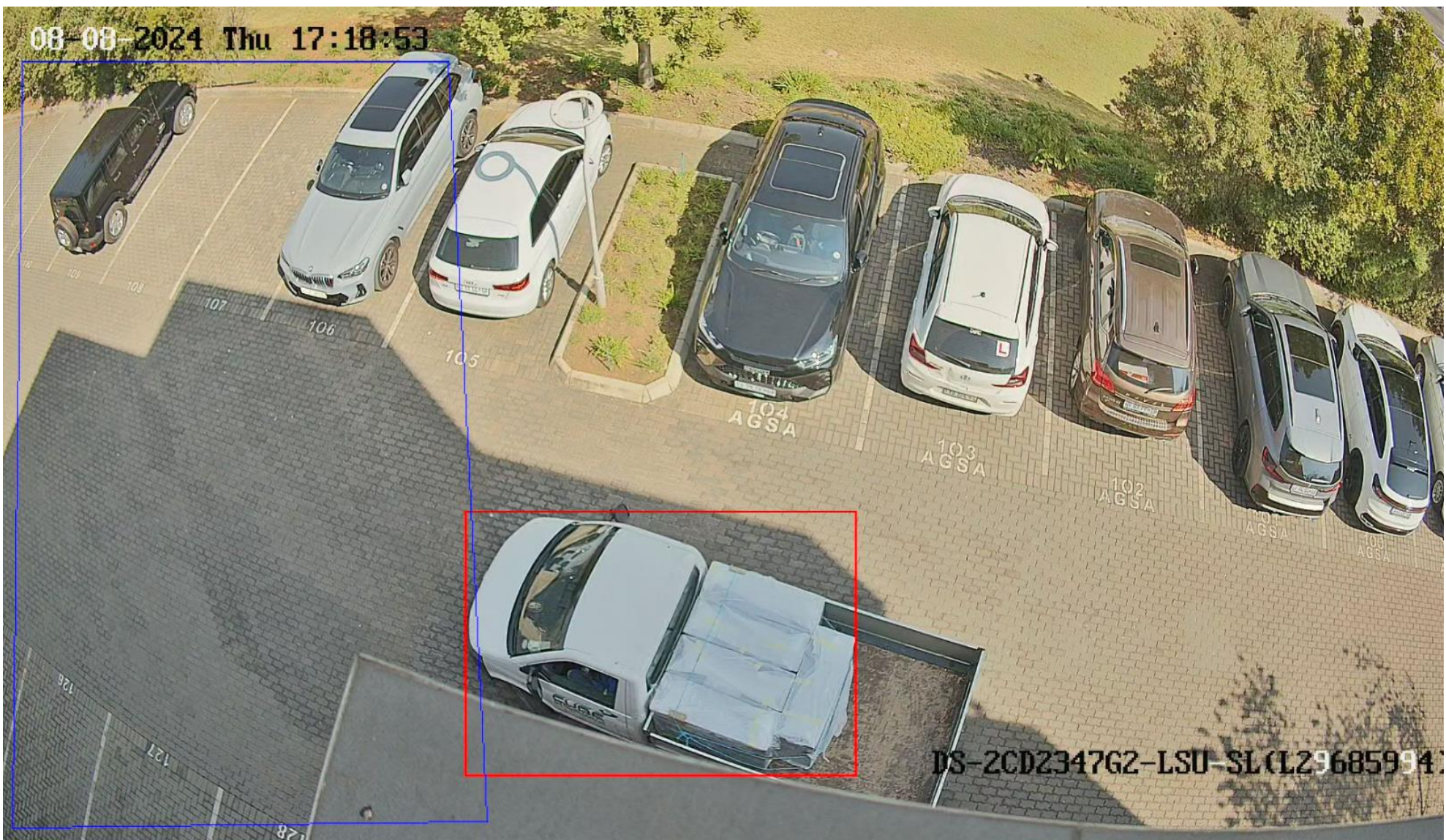
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Demo Show Pictures - Wide-Angle Target Detection

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In the same scenario, the camera hard to detect vehicle at overhead angle, but the AI Box can do it accurately



Demo Show Pictures - Night Alarm Detection

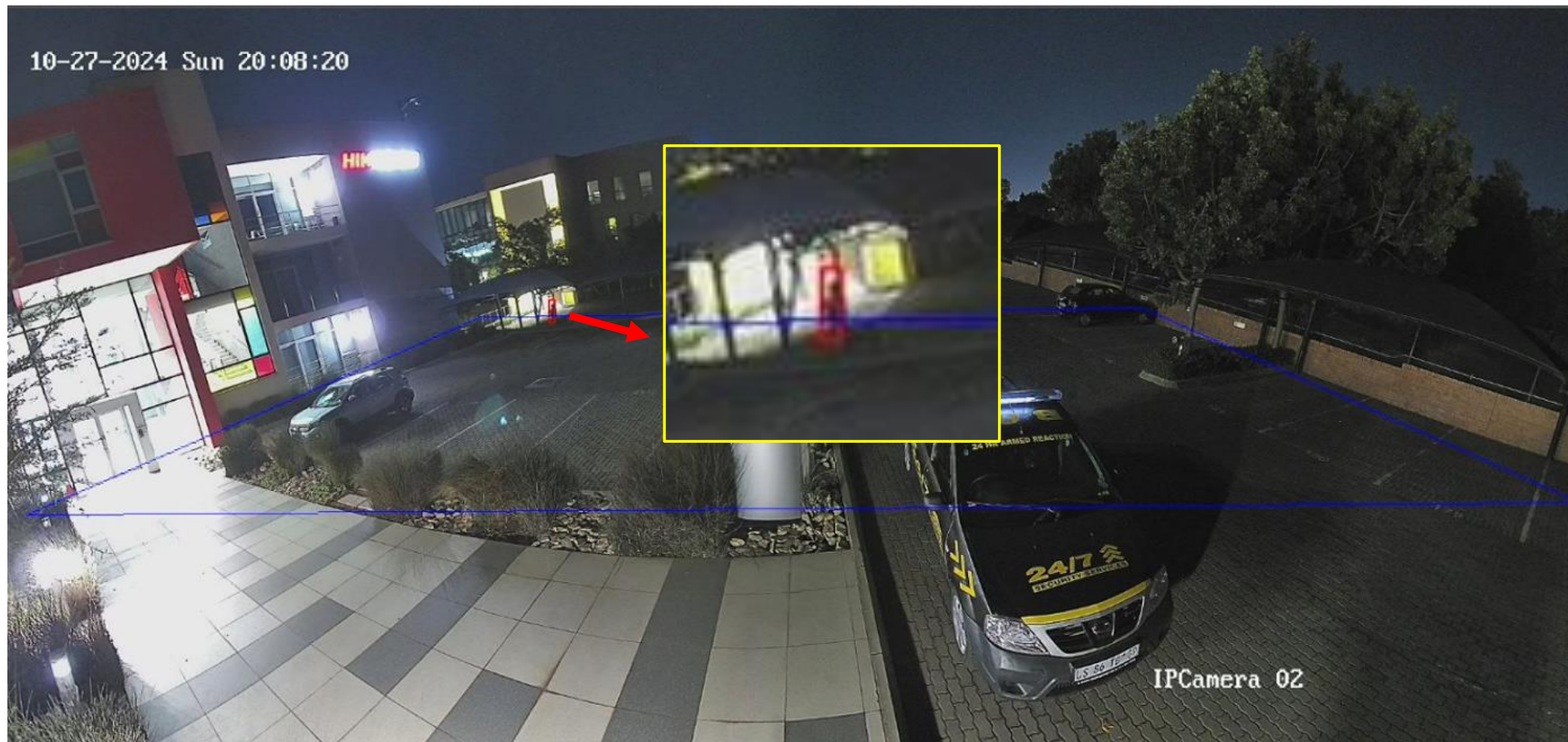
Hikvision Camera DS-2CD2347G2 **VS** Hikvision AI Box iDS-6704NXI-S/T
At Night, the camera can't detect vehicle at a distance, but the AI Box can do it accurately



Demo Show Pictures - Night Alarm Detection

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Hikvision Camera DS-2DF8442 **VS** Hikvision AI Box iDS-6704NXI-S/T
At Night, the camera can't detect vehicle at a distance, but the AI Box can do it accurately



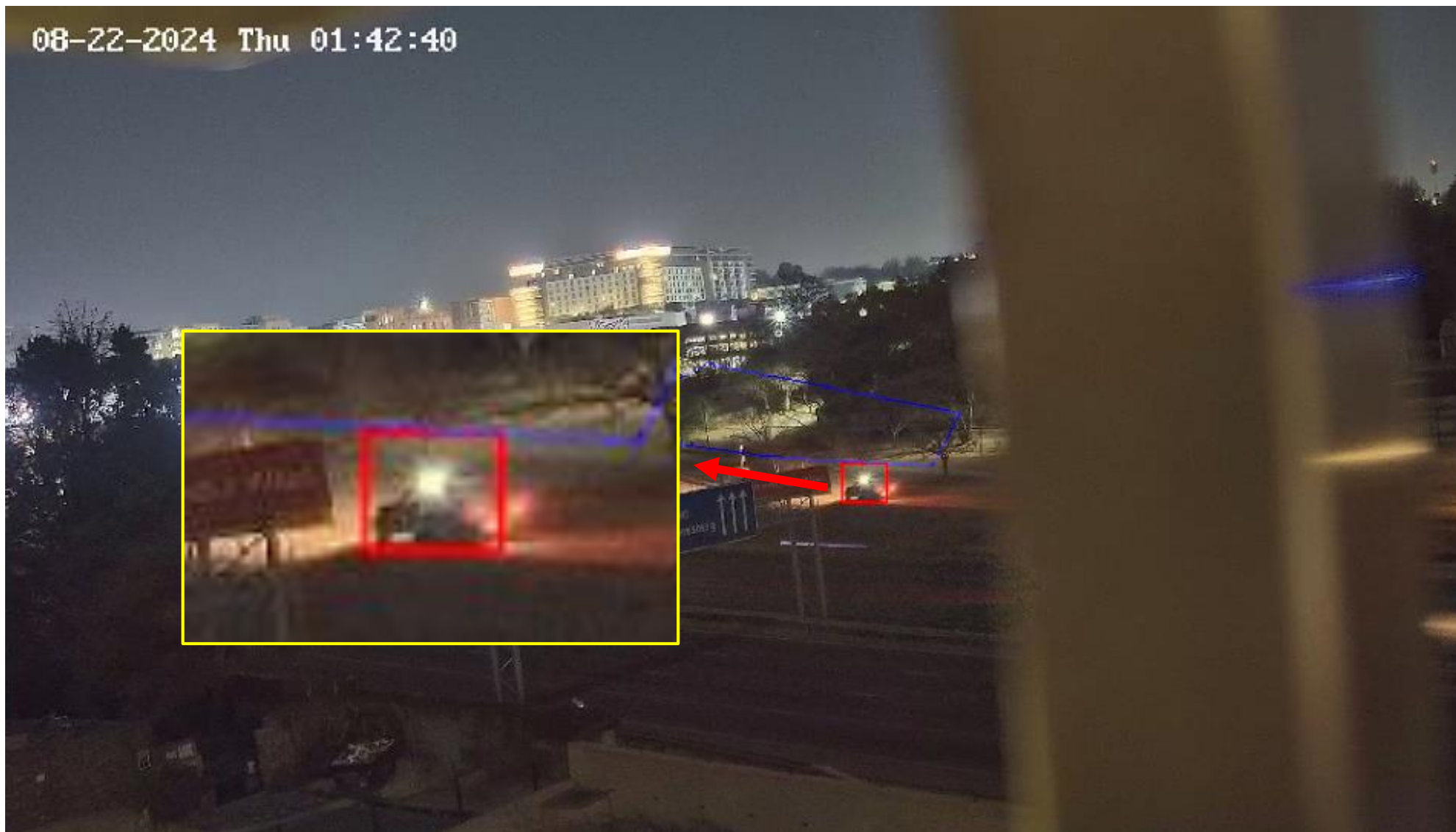
Demo Show Pictures - Night Alarm Detection

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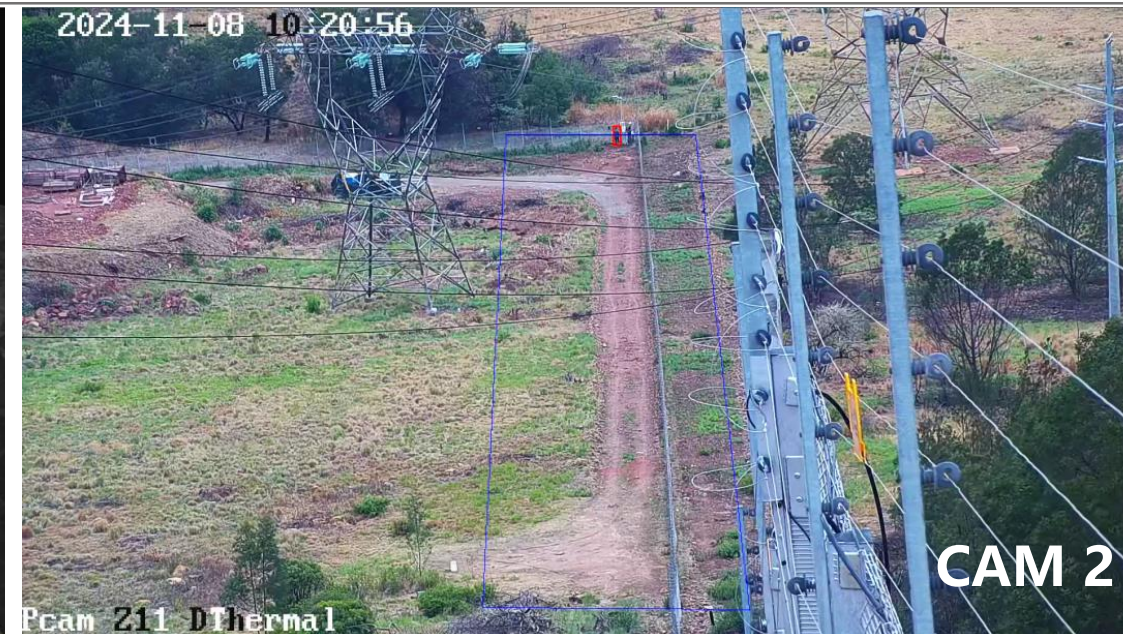
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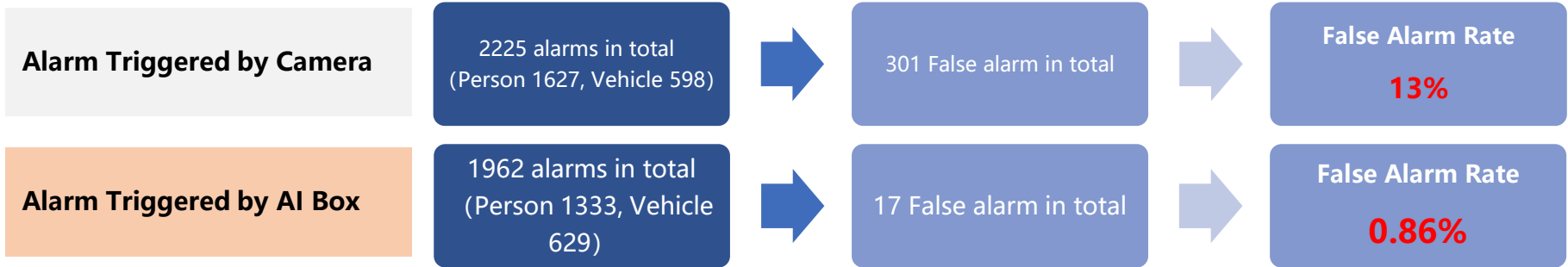
AI Box From Real Project

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AI Box From Real Project

Data Statistics Period - 17 days (From 6th Nov to 21th Nov)



Product & Solution Consultation

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