



**SAFE & SEAMLESS  
AVIATION SOLUTION**

## Airport - An Overview

An airport is an overflowing environment with a lot of crowds. Safety is the issue regarding airport surveillance systems, from the baggage hall to the check-in desks, to the cars and taxis arriving in front and the plane's refuelling. Several activities are taking place simultaneously, all of which require oversight. Creating a secure, appealing experience for passengers, airlines, retailers, and investors requires transforming a whirlwind of activity. There is hence the necessity for thousands of intelligent cameras working together, showing what needs to be seen, anywhere, anytime, for the total airport security solution.





## Need for IP Surveillance in Airports

Airports are a place of dense footfall, and safety is a priority. The means to satisfy the highly demanding security needs rely on advanced technology. Video Surveillance backed by advancing technology aids in enhancing overall security and increasing operational efficiency at airports. Cameras have a vital surveillance role in driving efficiency, profitability, and, against the recent reminder of long queues. They can also help improve the customer experience, a critical step in ensuring long-term occupancy.

Eyenor video surveillance lets you simultaneously monitor, record and alert using thousands of airport security cameras from anywhere for the ultimate airport security solution. Employing Eyenor surveillance helps extend the proper safety of passengers and employees and ensure constant vigilance to detect unusual movements during checking and checkout processes, along with overall security at the airport.



# **EYENOR**

## Smart Surveillance Solutions

Eyenor Intelligent Surveillance Technology ensures smart surveillance solutions to varied verticals. Eyenor is a pioneer in guaranteeing unmatched smart IP cameras which are apt for the aviation environment. Eyenor provides surveillance systems backed by intelligent analytics, assisting monitoring staff in receiving real-time data with notifications. These cameras can help combat vandalism to more critical crimes like theft. The technology allows the authorities to monitor the perimeter in the event of an incident and identify the perpetrators.

Eyenor promises to better safeguard airports through smart analytics, incident management and numerous intelligent features, such as facial recognition, people counting, ANPR, and much more. Innovative and comprehensive solutions from Eyenor can make airports efficient and secures them further. There is a comprehensive product range of Eyenor smart surveillance solutions, including ANPR Cameras, PTZ Cameras, Body Worn Cameras, and much more, among others, from which airports could benefit.





## Solutions



- Smart Crowd Management with Crowd Detection



- Intelligent Alerts upon incident detection



- Constant vigilance to monitor critical areas



- Real-time analytics to keep an eye on every part of the airport



- Efficient Enforcement of Law with advanced technologies like FRS and ANPR

## Challenges



- Improve passenger and employee safety



- Manage incidents with efficiency



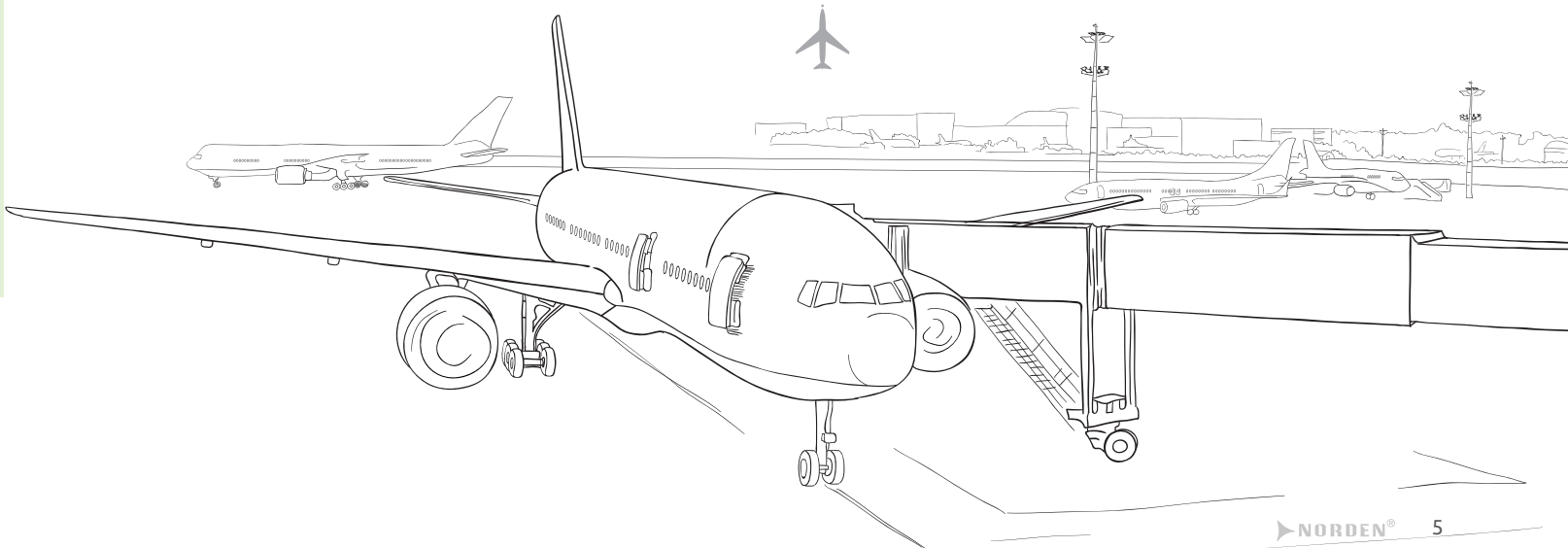
- Respond quickly to threats and monitor critical areas



- Increase efficiency and understand rising needs



- Ensure a seamless passenger experience



## Benefits



**ENHANCED  
INTRUSION  
PROTECTION**



**SAFETY OF  
PASSENGERS AND  
EMPLOYEES**



**OPERATIONAL  
EFFICIENCY AND  
PASSENGER  
SATISFACTION**



**EFFICIENT  
MONITORING  
OF CROWD  
AND AIRPORT  
ACTIVITIES**



**HIGHER  
STANDARDS IN  
SECURITY AND  
OPERATIONS**



## Where can security cameras benefits in Airports

PREMISE ENTRANCE AND EXIT

PARKING MANAGEMENT

ARRIVAL AND DEPARTURE

SECURITY CHECKING

BOARDING

BAGGAGE MANAGEMENT

CORRIDORS AND LOUNGES

RESTRICTED AREAS

TERMINAL ACTIVITIES

AIRFIELD AND TERMINAL PERIMETER

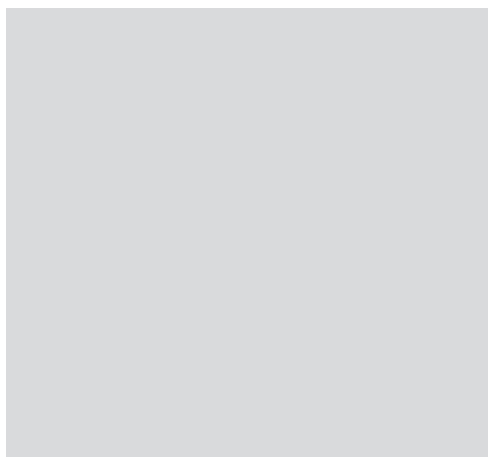
GROUND TRANSPORTATION

FUEL FILLING AREA

AIRPORT SECURITY AUTHORITY

SOLAR PANEL AREA





## Entrance and Exit



### Automatic Number Plate Recognition

- This Software/ AI technology extends an all-in-one vehicle detection and recognition.
- It closely monitors the vehicles entering and exiting the premises.
- The automatic number plate recognition solution instantly recognizes and monitors the vehicles and their number plates.
- The day and night functionality helps keep constant vigilance.

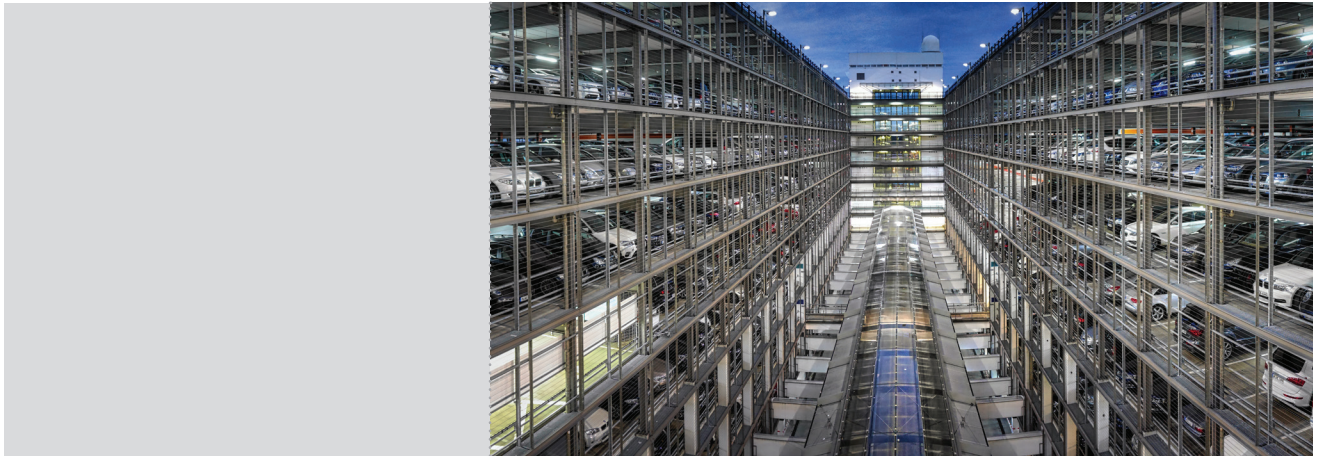


### ANPR Smart Box

- IP cameras with the ANPR-integrated Smart Box offer prompt vehicle detection and recognition.
- ANPR Smart Box extends accurate reading and recognition of the number plates of vehicles within the surveillance area.







## Parking Management



### Dome Camera

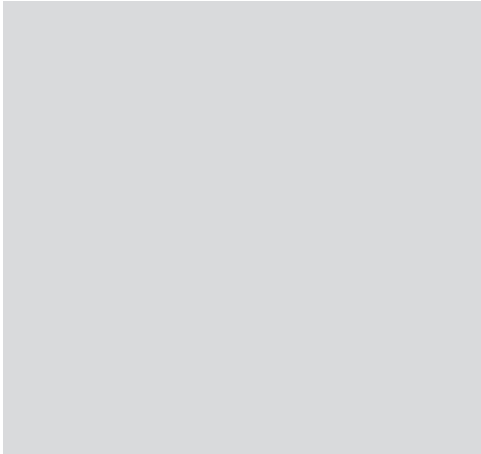
- High-definition dome cameras help monitor everyone and everything present in parking areas.
- Dome cameras offer both fixed and motorised lenses.
- Installing these dome cameras ensures efficient management of parking areas.



### Bullet Camera

- With their intelligent identification function, bullet cameras ensure complete vigilance and supervision of the parking areas.
- This camera helps easily provide proof of incidents such as thefts and other organised crimes.
- This camera also keeps a watchful eye over any activities in parking spaces and in parking management.





## Security Checking

### IP Camera with Face Recognition System

- High-definition IP cameras help monitor everyone and everything during security checking.
- By utilising the wide focal length and lowlight features, Face Recognition monitors and recognises each face during the checking process.
- Installing these IP cameras ensures the overall security of the checking area.



## Boarding

### IP Camera with People Counting

- With the people counting feature, IP cameras can help monitor everyone present in these areas, keeping a footfall count.
- These cameras offer real-time density control and help staff allocation.
- IP Cameras with People Counting are starlight cameras offering fixed and motorised lenses.
- These IP cameras ensure overall security and better business flow in airports.







## Baggage Management



### Dome Camera

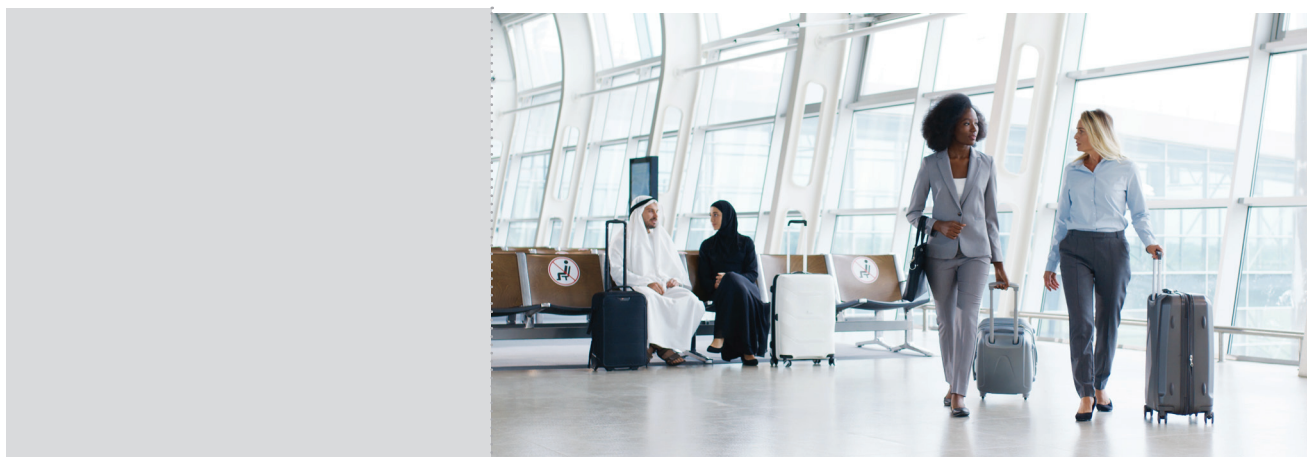
- High-definition dome cameras help monitor everyone and everything present in the baggage hall.
- Dome cameras offer both fixed and motorised lenses and keep a constant vigilance over baggage movement.
- Installing these dome cameras, which are vandal-resistant (IK10), offers the overall security in the baggage hall.



### Thermal Bullet Camera

- Thermal Bullet Cameras can be used to monitor conveyor belts with its intelligent thermal detection feature.
- These cameras keep a vigilant eye to detect unusual movements and ensure no accidents occur near the baggage conveyor belts.
- These cameras can be trusted to trigger the safety system to automatically shut down the conveyor if any unusual movement is detected.





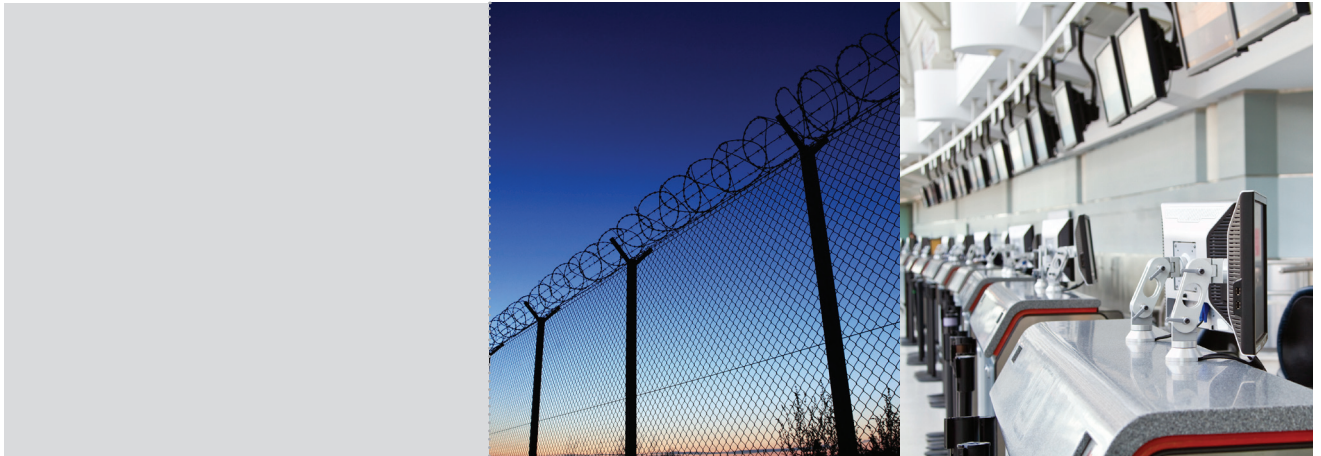
## Corridors and Lounges

### IP Camera with Crowd Detection

- With the crowd detection feature, IP cameras can help monitor everyone present and estimates the number of people within the area.
- These cameras initiate real-time density control and help staff allocation.
- The IP cameras are starlight cameras with fixed lenses and motorised lenses.
- These IP cameras monitor the peak occupancy level and provide the amount of foot traffic in real-time at lounges.
- With their intelligent identification function, IP cameras ensure complete vigilance and supervision of the corridors and lounges in the airport.
- IP cameras help to quickly provide proof of incidents such as thefts, organised crimes or other incidents in corridors and lounges.







## Restricted Areas

### INDOOR AREAS



#### Dome Camera

- High-definition dome cameras help monitor everyone and everything present in the restricted indoor areas.
- Dome cameras offer both fixed and motorised lenses and keep a constant vigilance over restricted areas.
- Installing these dome cameras, which are vandal-resistant (IK10), offers the overall security in restricted indoor areas.

### OUTDOOR AREAS



#### Bullet Camera

- With their intelligent identification function, bullet cameras ensure complete vigilance and supervision of the restricted areas in the airport.
- This camera helps to quickly provide proof of incidents such as thefts, organised crimes or other incidents in restricted areas.
- This camera also keeps a watchful eye over any activities on the airport premises.



#### PTZ Camera

- This camera offers round-the-clock surveillance for the airport with day and night functionality.
- The Auto-tracking feature ensures complete protection and movement variations in the airport's restricted outdoor areas.
- The human and vehicle classification features help keep a close eye on every presence in the restricted areas where installed.





## Airfield Area / Perimeter



### PTZ Camera

- This camera offers round-the-clock surveillance for the airport with day and night functionality.
- The Auto-tracking feature ensures complete protection and detects movement variations in the airport's public spaces and vicinity.
- The human and vehicle classification features help keep a close eye on every presence on the premise where installed.



### Bullet Camera

- With their intelligent identification function, bullet cameras ensure complete vigilance and supervision of the airfield area and perimeter.
- This camera helps to quickly provide proof of incidents such as thefts, organised crimes or other incidents in the airfield area.
- This camera also keeps a watchful eye over any activities on the airport perimeter.





## Ground Transportation



### Vehicle Cameras

- Vehicle cameras have an Anti-shock feature making them a perfect fit for the buses and vehicles present on the ground.
- The DSM and ADAS Technology enable vehicle cameras to ensure safety for the bus and its driver.
- Provides real-time update of the vehicles moving along the airport ground.

### Driver Status Monitoring Camera

- Keeps a close eye on the driver and sends alerts in the event of distraction or drowsiness.
- Issues a warning or alert to get the driver's attention back to the task of driving.
- The devices will be able to detect if a driver is impaired or experiencing a medical emergency.
- Advanced onboard software collects data points from the driver and creates an initial baseline of what looks like the driver's normal and attentive state.







## Ground Transportation



### Advanced Driver Assistance System Camera

- Cameras with ADAS technology help drivers sense and avoid dangers, making the grounds safer for them and those around them.
- To increase safety, the vehicle responds to the information swiftly processed by supporting software using the ADAS cameras' information.
- Helps improve the safety of the vehicle, passengers, ground staff and the aircrafts by indicating swift collision possibilities from varied direction.



### Mobile Network Video Recorder (MNVR)

- The recorder with GPS technology helps monitor the vehicle's activity, ensuring a safe commute.
- Designed for vehicle video surveillance and remote monitoring with a secured operating system.
- The 4G support enables real-time vehicle monitoring during a commute.
- This vehicle monitoring system uses High Definition IP Cameras to record real-time footage of the activities in the vehicle.
- Supports vehicle travel information recording and wireless data upload.





## Fuel Filling Area



### Bullet Camera

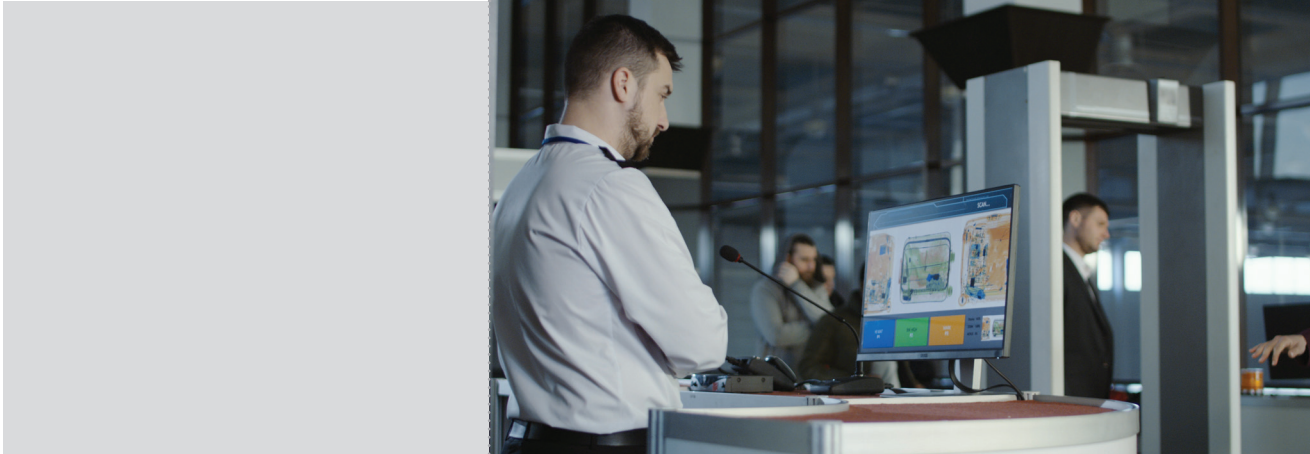
- With their intelligent incident and crowd detection function, bullet cameras ensure complete vigilance and supervision of the fuel filling area.
- This camera helps to quickly provide proof of incidents such as organised crimes or other incidents in the fuel filling area.
- This camera also keeps a watchful eye over any activities on the fuel filling area to prevent any hazards or accidents.



### Thermal Bullet Camera

- Thermal Bullet Cameras can be used to monitor the area with its smart thermal detection function.
- These cameras keep a vigilant eye to detect unusual thermal variations that occurs with fire and smoke.
- These cameras can be trusted to trigger the safety system to automatically alert in case of safety hazard or unpredicted fire.





## Airport Safety Authority

### Body Worn Camera

- Body Worn Cameras provide efficient data protection through multiple encryption technologies.
- With the additive features, these cameras empower recording in real-time, ensuring that everything gets captured under the device's watch.
- Features advanced technologies such as 4G / 5G, Wi-Fi, GPS and Bluetooth.

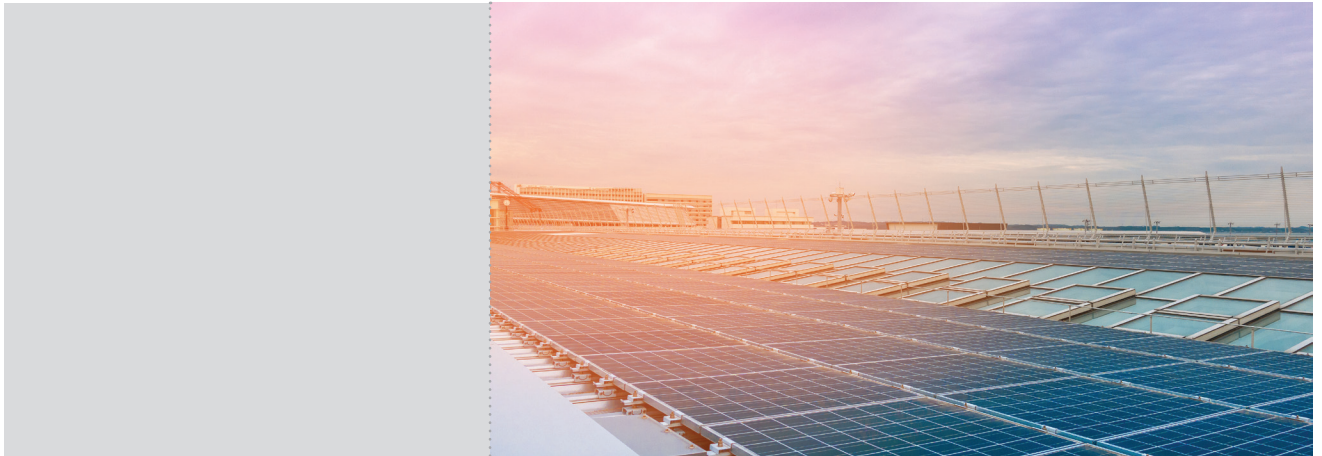


### Helmet Camera

- With 3400mah Battery Support, these cameras provide security officers with a clear view of their surroundings, ensuring improved situational awareness.
- Helps officers respond more quickly and effectively to security incidents.
- These cameras can record high-quality video and audio footage that can be used as evidence and can help law enforcement officers identify and prosecute individuals involved in criminal activity.







## Solar Panel Area



### Thermal PTZ Camera

- Thermal PTZ Cameras can detect cell defects, temporary shadowing, bypass diodes, or faulty interconnections.
- These cameras with IP Dual Sensor Temperature Detection enable efficient identification of appropriate conditions before an inspection.
- Installing Thermal PTZ Cameras ensures easy scanning of large installations quickly in the solar panel areas at airports.



### Bullet Camera

- This camera helps to quickly provide proof of incidents such as thefts, organised crimes or other incidents in the Solar Panel Area.
- With their intelligent identification function, bullet cameras ensure complete vigilance and supervision of the solar panel area.
- This camera also keeps a watchful eye over any activities in the airport solar panel area.





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