3Smart AI

Intelligent Video Analytics

AI MAKES SURVIELLANCE SMARTER, ACCURATE AND EFFICIENT !

3S Core Technology - Excellent AI Intelligent Video Analytics & Thermal Image Sensing Technology

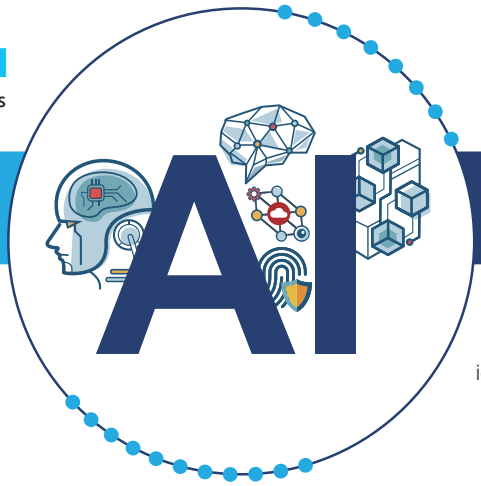
3Smart IPCAM

Project IP Camera : BE / T Series

Edge Intelligence Computing

AI IP Camera Calculus Analysis

Images can be captured and decoded by the AI IP cameras through AI Edge computing technology, which can effectively shorten the calculating and processing time, thus improving the efficiency of image recognition.



3Smart AI

HD Recording Center

Cloud Computing

Smart Recording Software Calculus Analysis

Use the back-end software 3Smart AI intelligent image analysis technology for identification, combined with high efficient HDRC recording software that make AI identification system powerful.

3Smart FACE

Face Recognition System

Face Detection + Face Recognition

Non-contact *Safety* *Accurate* *Integration*

3Smart Face is provided with advanced face recognition core, which can complete the establishment of face feature files within 10 seconds. It adopts non-contact recognition technology to quickly and accurately identify and compare the target face data. With high accuracy and expandability, 3Smart Face has been successfully integrated and applied in access control management, attendance, blacklist control and VIP identification.

Optional system : Access control and attendance, visitor management and body temperature detection.

3Smart LPR

License Plate Recognition System

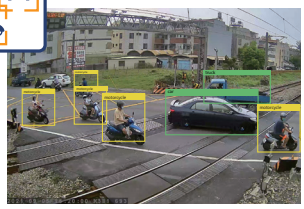
License Plate Detection + License Plate Recognition

Accurate *Convenience* *Safety* *Integration*

3Smart LPR can compare the license plate numbers of various vehicles coming in and out of entrances or gates. Recognition methods comprise: license plate number recognition of vehicles that stop, move slowly or drive. Besides the provision of log recording and image archiving, it can also record and consult the information at the remote end, which not only save maintenance costs, but also control the entry and exit of vehicles, prevent theft, destruction and other crimes.

Optional function : parking guidance, intelligent car search, and parking charges

Vehicle Counting and Classification

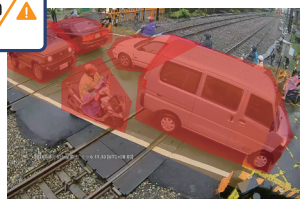


AI IP cameras can count the number of in and out objects in a specific area, and also combine the identification function to count different vehicle classification and density in specific area.

Traffic Jam Detection

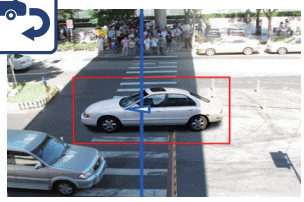
AI IP cameras can detect the vehicle occupancy or vehicle stagnation on the road or highway, and the images are transfered to the operation control center immediately for traffic dispersion and signal control.

Rail / Road Obstacles Detection



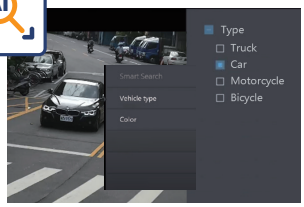
In order to strengthen the safety protection of rail transit, double detection sensors are used to scan the rail area completely, which can detect fast whether there are any obstacles in the rail, then trigger alarms and notice the administrators to reduce accidents.

Reverse Direction Detection



The cutting-edge image analysis technology is used to accurately detect whether the personnel or vehicles move against the traffic. The system will trigger alarm when illegal behavior happened. The intelligent detection reduces the accidents and crime rate.

Smart Target Search



Search for the target objects, personnel characteristics and special areas in the video, determine the characteristics of the target object first and then compare the similarity by means of the algorithm that is fast to finish searching.

Dynamic Video Concentration

Several hours' video content is compressed into several minutes and the time information of moving objects can be displayed on the screen, which can replay the moving track of specific objects, reduce time to browse, and realize viewing video quickly.

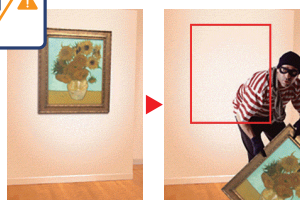
People & Object Intruding Detection

Set the range to be detected in a specific area and the alarm will be sounded immediately when there are suspicious people or unknown objects invade or leave.

Smart Motion Detection

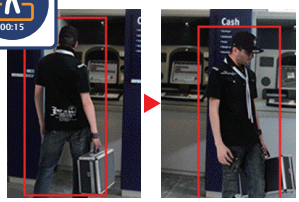
AI IP cameras can detect people, cars and objects are moving, and automatically start video recording which can effectively filter out the interference factors, such as leaf fluttering, light changes, small animals moving and so on.

Object Status Detection (Abandon Object/ Lost Property)



AI IP cameras can detect unattended areas within the specified period of time, as well as detect the target objects status (Abandon Object/ Lost Property). When the target objects are changed, AI IP cameras will trigger the alarm immediately.

People Loitering Detection



When someone lingers within the monitoring range or stay there for more than the preset time, the system will send messages actively to remind the administrators to pay attention.

People Counting Analysis

AI IP cameras are set at the entrance and exit or in a specific area, which can calculate the two-way flow number of people in and out at the same time and grasp the changing status of the crowd in the area through data analysis.

Crowd Density Analysis

Detect the crowd density in a specific area, which is presented in the three form of high, medium and low density respectively in order to effectively analyze the changes of hot spots where there are large crowds.

Thermal imaging detection

Line Crosssing Detection

Thermal IP cameras can draw defined line for specific entrances and exits, and provide intelligent image AI analysis and cross-line detection function. Detect moving objects when people, vehicles, and objects cross the defined line, it can immediately trigger an alarm and notify the management unit.

Thermal imaging detection

Slope Slide / Object Intrusion Detection

The application of image sensing technology can detect the sliding, falling and flowing of slope debris in real time, so as to effectively improve pre-warning effectiveness before and during the disasters and avoid the safety accidents caused by disasters.

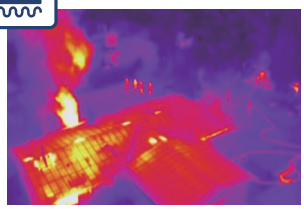
Thermal imaging detection

Human Detection

The excellent sensing function and calculation technology of thermal IP cameras be applied to reflect the surface temperature of the object by means of the invisible infrared light wave to quickly filter the non-humanoid objects in the frame, which can identify multiple human shapes simultaneously.

Thermal imaging detection

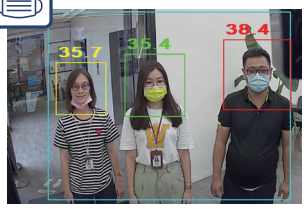
Environmental / Industrial Temperature Detection



Thermal IP cameras can detect temperature status in various environments, and can also be used for fire early warning detection to accurately determine the location of fires. These serious casualties and property loss are avoidable .

Thermal imaging detection

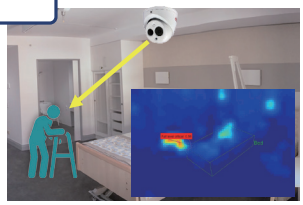
Body Temperature and Mask Detection



AI intelligent algorithm analysis built in the thermal IP camera is used to directly detect human body temperature, and recognize the face information at the same time. The screen can show who people wear masks or not.

Thermal imaging detection

Smart Behavior Detection (Motion & Fall)



For medical case applications, the thermal imaging camera with embedded AI intelligent image analysis function can effectively detect whether there are disabled patients falling or leaving seats and will inform the medical staff rapidly in case of any abnormality.

Smart Face Search

It can capture the face image in real time by AI IP Cameras and establish a face database. When event occurres, the video image can be accessed files immediately to lock features of the face to search. It is helpful to trace criminal investigation for police.

Abnormal Face Detection

The system can still detect the face automatically when some face features are covered by the mask, helmet and sunglasses.

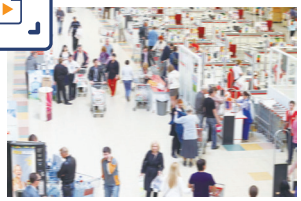
Tailgating Detection

It is used to prevent followers or intruders from entering a specific area, which can be integrated with the access control system. When an unauthorized person follows into the controlled area, an alarm will be triggered immediately to inform the security personnel to deal with it.

PTZ Auto Tracking

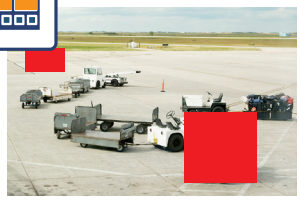
The AI intelligent algorithm in the camera is combined with excellent optical zoom capability and stable translation and rotation control function, which can effectively track the face and people in motion automatically.

Abnormal Video Diagnosis



Detect whether the images shot by the camera is overexposed, dark, blurred, unfocused, blocked by foreign objects or loss of signal. These unusual phenomena will lead to abnormal monitoring screen and then the system will send a signal to alert.

Privacy Mask



Cameras for monitoring are provided with the built-in mask function. Select the area to be masked from the image frame, which can effectively protect people or objects privacy regardless of real-time video or recording video.