SCS-JK Intelligent AI Video Image Analysis and Warning System
System Introduction

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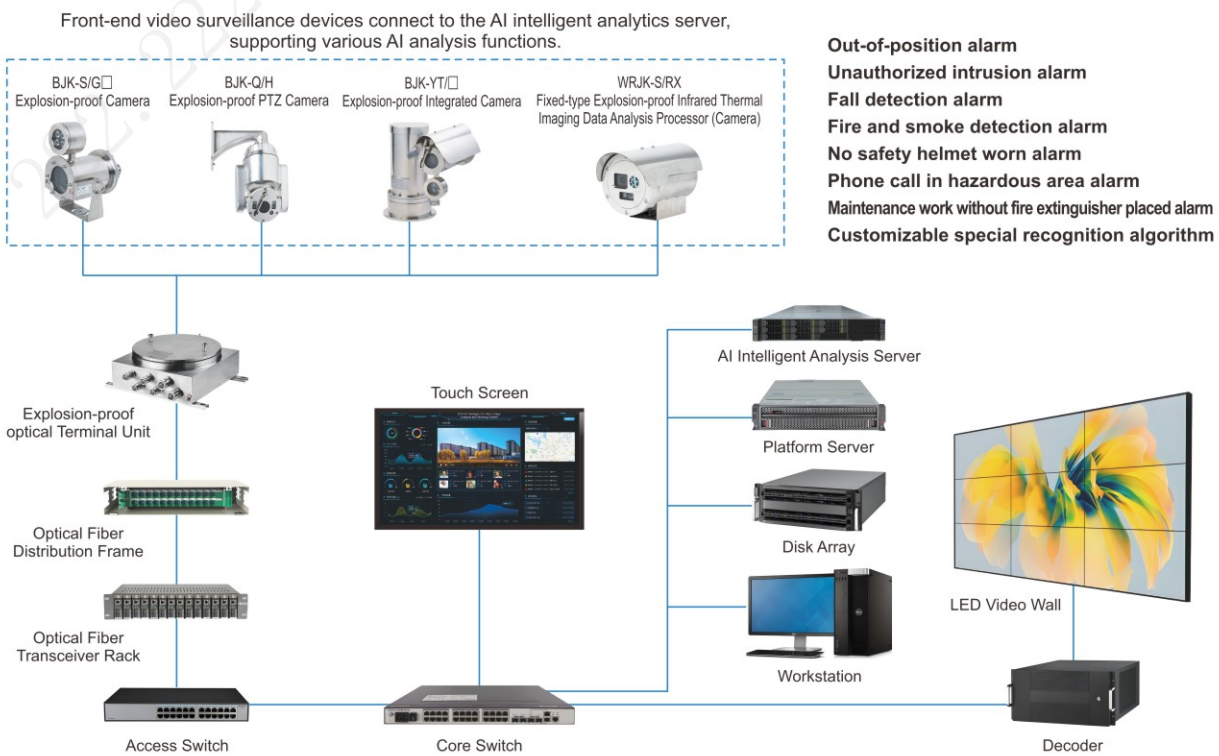
- The Intelligent AI Video Image Analysis Early Warning System is a Intelligent, distinctive system built upon the Warom Intelligent Control Platform's access nodes and advanced video technology, offering unified, open video stream access, processing, and distribution services for surveillance devices.
- Video content is uploaded to the cloud for storage, recording playback, and information sharing through permission settings. It can be integrated with intelligent vision systems, video computing platforms, machine learning frameworks, and ecosystem partners' capabilities to rapidly develop applications and intelligent monitoring solutions leveraging computer vision and video analytics.

System Topology Diagram



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System Features

Intelligent Recognition

Using intelligent application platform algorithms to analyze image data, the system enables feature extraction, analysis, detection, and alarm functions. It can identify monitored scenarios and detect anomalies, meeting diverse user requirements.

Intelligent Analysis

The system server analyzes data detected by front-end devices, including production status, personnel identification, vehicle recognition, and abandoned object detection. This helps establish a comprehensive monitoring model for centralized handling of frequent incidents by backend personnel.

Visual Management

Front-end video devices provide feedback on monitored areas-such as equipment status and unauthorized intrusions-enabling backend staff to receive real-time on-site footage and promptly implement response measures.

Intelligent Alarm

Not only does it offer monitoring capabilities, but also alarm functions. Unlike simple motion detection alarms, it features powerful image processing capabilities and advanced algorithms, significantly reducing false and missed alarms and minimizing useless video data.

Extended Compatibility

It boasts excellent scalability and compatibility, providing open service interfaces. Wherever there is network access, users can log in to the central business platform via client software to achieve real-time monitoring of all surveillance points, on-demand playback of all stored footage, and management functions such as front-end event handling and PTZ control.

Intelligent Monitoring

The intelligent AI video image analysis early warning system provides reliable 24/7 monitoring. Its advanced AI human-shaped analysis function continuously analyzes video feeds and features pop-up alerts to effectively enhance the efficiency and utilization of on-duty personnel.

Fault Handling

The system can proactively monitor and identify equipment faults, then relay relevant information to backend staff to assist in fault Pixels.

Security Performance

The intelligent video surveillance system features advanced functions such as motion detection with human shape analysis, remote audio intercom, and foot traffic analysis, ensuring a high level of security.

Efficient Application

Network-based video surveillance enhances the capabilities of the central business platform, enabling unified management and centralized control of all system resources-including encoding, decoding, video recording storage, and user access. This effectively addresses the issue of fragmented resources in video surveillance systems, facilitates centralized maintenance, reduces operational and maintenance costs, and improves system stability and security.