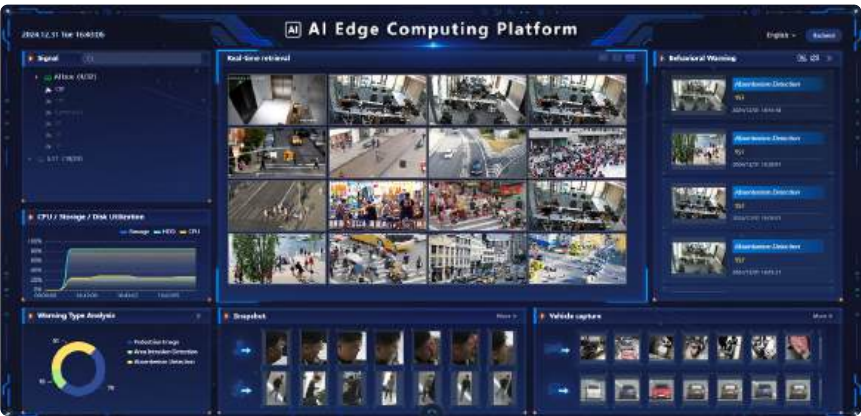


AI Edge Cloud Server

Operation & Maintenance

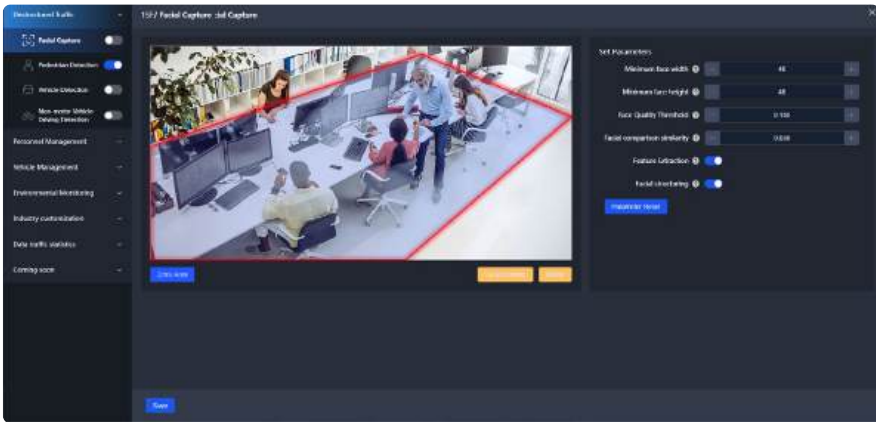
The AI Cloud Server enables seamless management of multiple AI Box devices, monitoring over 1,000 cameras simultaneously. It provides efficient O&M management, real-time status tracking and proactive device health monitoring. This solution ensures optimal performance, reduces downtime and streamlines system maintenance across large-scale surveillance networks.



AI Algorithms

Support and Empowerment

Various AI detection and analysis abilities under different conditions offering customized algorithms and deployment solutions to meet diverse scenario requirements. Adaptable to a variety of applications such as smart transportation, smart constructions, smart campus and etc in complex environments.



Solutions

Smart Construction

Building up an efficient integrated data processing and analysis system consisted of AI, IoT, edge computing and massive data, the Platform in respect of production safety provides real-time and intelligent management throughout the whole constructing process in every factor including people, machines, materials, techniques, environment and fulfills the needs of safety management on construction industries.



Smart Campus

With AI-empowerment, the system provides enhanced security on campus monitoring by intelligent risk detection and recognition including unauthorized access, loitering, etc, and sending instant alerts.



Smart Mall

By comprehensive surveillance with AI capabilities, the mall management will be easier and more precise in intrusion detecting, real-time traffic counting, crowd & environment monitoring and etc, providing customers prestige shopping experience.



Smart Mining

With AI Edge Computing technology, the system detects risks, violations and abnormalities on mining sites and during whole production process. By giving alerts in real time to help mining enterprises improve the workplace safety and productivity, the system keeps contribution in the sustainable development and transformation of the industry.



Smart Transportation

Collaborating the signal control service system, the system with its excellent traffic scene recognition capabilities and smart traffic signal strategies enhance the operation efficiency, security and sustainability of the transportation system despite of various device protocols.



Smart Factory

Benefit from powerful AI algorithms, the system implements a dual mechanism for factory sites by issuing instant alert on any unsafe personal behavior or environmental, risk and investigating hidden dangers to prevent accidents. The comprehensive system thereby ensures worksite safety and improves the efficiency in production.



Smart City

Integrated with AI algorithms, the system provides real-time monitoring in urban management including environmental sanitation and cleaning, street constructions, vehicle parking and etc. Once any disordered situation happens such as garbage bins overflowing, unlicensed street vendors wandering around, or illegal parking, the platform will detect and immediately alert the potential risks for the purpose of elevating the efficiency and improving the quality in urban management.



Smart Park

The AI edge computing system, aiming at resolving the unconnection and complexity in park management, provides an intelligent supervision solution. By linking people, vehicles, objects and scenes, a cluster mechanism is established to improve park management efficiency, enhance information control and reduce operation cost.



Please contact our regional sales engineer for more product information.

AI Edge Collaboration Platform

Integration of edge computing and video analytics enables the platform an efficient data process and analytical power to fulfill users' need on high standards of real-time performance and privacy protection.



Real-time Analysis & Verification



Anomaly Detection & Alert



Privacy Protection & Security



Video Structured Analysis Platform

With the help of AI deep-learning techniques, the platform can verify every target in each frame and identify the attributes so to form a set of structured data for further studies.



Concurrent video signals collection and analysis up to 16/32xN



Structured analysis in 512 Key factors



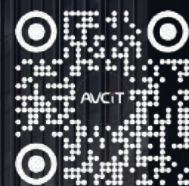
Real-time dynamic analysis on tracking targets



AVCiT

Found in 2010, AVCiT is a leading provider of smart distributed audio-visual products and KVM/AV over IP products and AI edge computing solution. With the corporate mission to "Lead the Vision, Create the Extraordinary", AVCiT is dedicated to deliver comprehensive intelligent decision-making support and services to clients through advanced AI algorithm and video processing technologies.

Distributed KVM/AV-over-IP products and AI edge computing solutions by AVCiT have been widely applied across different sectors in various industries including construction sites, urban management and transportation etc., Over 10,000 projects have been successfully implemented worldwide with products by AVCiT.



Contact our regional manager for further information.

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AVCiT

AiVC

AI Edge Computing Platform

| Empowering with Leading Technology | Releasing Product Potential |

24/7 video surveillance is nowadays universally used in public areas among which over 90% rely on non-AI cameras,for recording and post-investigation only.

How can those cameras be made their ultimate use?

Elevate the high quality urban development by re-using existing non-AI cameras



Existing Cameras Reactivation



AI Empowerment



Various Algorithm Analysis



Information Transmitting Acceleration

With the flexible distributed structure,the AI system is an integrated solution customized for urban management. The profound capabilities of AI edge computing in data asset management will drive the efficiency of a smart city to next level.

