

# AISWare AI<sup>2</sup> Edge

An edge-side product for residential security and intelligent management based on AI intelligent identification services

## Overview

### Product orientation

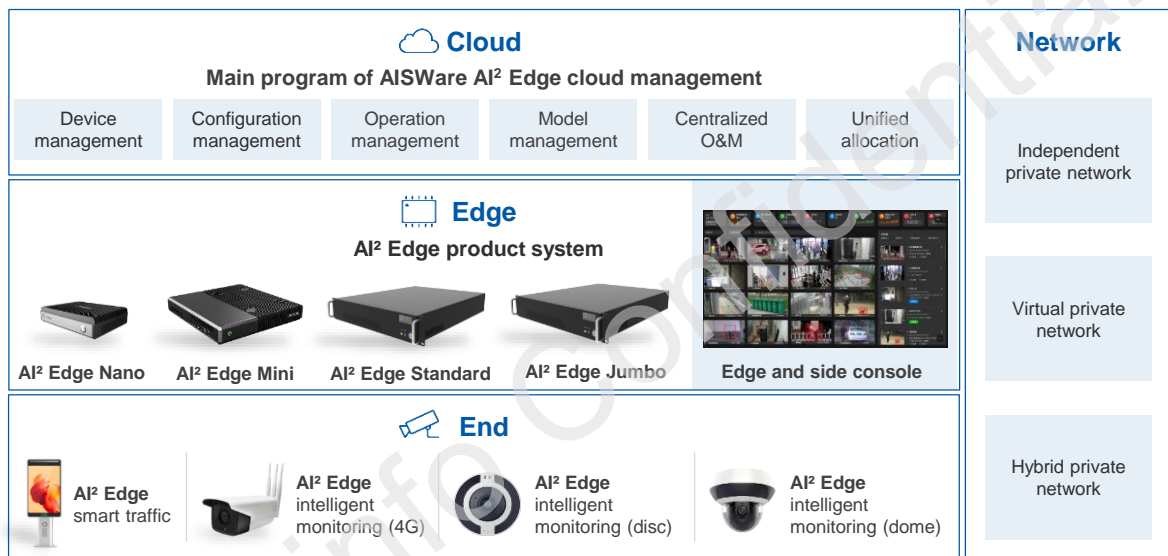
AISWare AI<sup>2</sup> Edge, as a set of edge-side products for universal security and intelligent operation scenarios, can provide a standardized product delivery form of hardware and software integration, analyze video content of scenarios in real time and automatically detect abnormal information.

### Target customers

It can enable multiple industries such as security, energy, communications, campus, etc.

### Product introduction

AISWare AI<sup>2</sup> Edge, which is a software and hardware integrated product for industry-wide edge intelligence scenarios, will deploy rich and powerful AI capabilities to the edge in a lightweight way, with multiple specifications of product forms to meet users' usage needs in various business scenarios in a bid to serve society and improve people's livelihood.



## Core Functions

<b>Personnel protection supervision</b> Supervision capability of safety protection measures for operators: Intelligent identification of whether the operators conform to the safety code on dress, whether the operation conforms to the regulations.	<b>Safety facility supervision</b> Supervision capability of safety protection facility: Intelligent identification of whether the safety protection facilities are in place, such as warning signs and safety guardrails.	<b>Timely crisis alarm</b> Timely crisis alarm capability: Intelligent identification of smoking behavior, intelligent identification of illegal personnel trespassing and animal trespassing, intelligent identification of open fire and smoke.	<b>Environment quality supervision</b> Environment quality supervision capability: Intelligent identification of the environmental conditions of the park, such as the presence of garbage and the presence of objects stacked.
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## Advantages

<b>Intelligent</b> It features rich intelligent identification service with pre-set crisis identification category, potential risk identification category, environmental health identification category and employee behavior identification category.	<b>Active</b> It can realize multi-channel active alarms, not only can display alarms on the monitoring screen, but also actively handle alarms in the form of infrared, intelligent devices, etc.	<b>3D</b> Through the encapsulation of task-based and pluggable security model, composite security identification tasks are specified to achieve 3D prevention and control with depth, multiple angles and correlation.	<b>Convenient</b> The device has low power consumption, small size and low noise and is ready to use out of the box and easy to deploy. It can be used only with a few simple steps including plugging in and connecting to the network.
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## Core Values

### All-round intelligent supervision

It can provide all-round intelligent supervision capabilities for safety in production, and the model identification accuracy rate is high and the false alarm rate is small, which can truly realize the intelligence of security.

### Eliminate safety hazards early

It can timely identify whether the operators' safety protection measures are in place, whether the safety protection facilities are in place, and can take the initiative to notify the monitoring personnel and operators through various forms such as sound and light alarms on large monitoring screen, SMS, voice call alerts of cell phones, etc. after identifying the risk to avoid potential risks and ensure safety in production.

## Application scenarios

 <p>Supervision of safety protection measures for operators</p>	 <p>Supervision of safety protection facility</p>	 <p>Environment quality supervision</p>
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## Use Cases



## Key Figures

A certain park uses AI² Edge not only to detect crises in a timely manner, but also to identify potential risks and hazards. Through the online safety hazard identification scenarios, multiple faults are successfully forecasted, improving security efficiency, saving manpower, and reducing human and property losses.

<p>60%</p> <p>Reduction in patrol workload</p>	<p>50%</p> <p>Accident handling efficiency improvement</p>	<p>80%</p> <p>Reduction in production accidents</p>	<p>90%</p> <p>Reduction in accidental casualties of personnel</p>	<p>40<sub>min</sub></p> <p>Average advance of early warning for risks</p>
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