

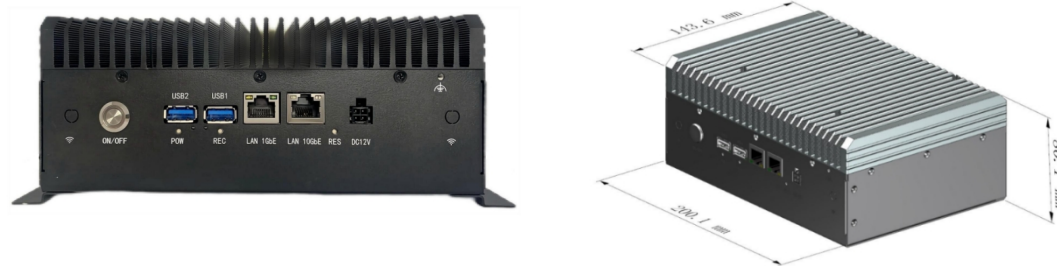
## AI BOX VA-PC-AI-100

让城市更美好

### Product Overview

The product is a high-performance intelligent analysis device designed for Intelligent Transportation Systems (ITS), Smart Water Management, Smart Cities, and Emergency Management. Capable of ingesting multiple video streams, it leverages deep learning and multi-modal large models to perform structured extraction of events and parameters. The device enables multi-dimensional analysis, proactive event detection, precise localization, and rapid response with automated alerting. By reducing O&M workload and improving supervisory efficiency, it helps identify safety hazards in real time and enhances overall safety management.

### Product Appearance



### Functional Features

- High-performance 8-core processor
- Computing power up to 200TOPS@INT8
- Support analysis of up to 10 video channels
- Support edge deployment of Multi-Modal Large Model, extract video features, and compare with the control information
- Support semantic - level event surveillance via text descriptions
- Support real-time push of warning events, support historical warning event query
- The device has built-in multiple control events, such as road water-logging, garbage spillage,

## SUPER VISION

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building fire.

- Wide temperature design, stable and reliable
- Optional SSD capacity: 256GB / 512GB / 1TB

## Technical Parameters

| Parameter Name                 | Parameter Value                                                  |
|--------------------------------|------------------------------------------------------------------|
| Power interface                | DC10~19V/4A                                                      |
| CPU                            | 8-core 64bit CPU                                                 |
| Memory                         | 32GB 256bit LPDDR5                                               |
| Storage                        | 64GB eMMC as standard; optional 2280 SATA SSD in 256GB/512GB/1TB |
| Physical interface             | 2×RJ45 Ethernet ports, 2×USB3.0, 1×DP, 1×Micro USB, 1×Type-C USB |
| Operating temperature range    | -30°C~70°C                                                       |
| Environment operating humidity | Relative humidity 93%±3%RH@40±2°C                                |
| Storage Temperature            | -40°C~80°C                                                       |
| Power consumption              | Low power mode 15W<br>High performance mode 60W                  |
| Dimensions                     | 203*158*61.3mm                                                   |
| Weight                         | ≈1.6kg                                                           |

## Accessories

DC12V/5A power adapter x 1

## Application Scenarios

Intelligent Transportation System (ITS)

Smart Water Management

Smart Cities

Emergency Management

