

## Full Analysis Server

### Introduction

Total analysis series video cloud structured server is a professional video intelligent structured server. As an image fusion analysis system, it adopts the new intelligent analysis chip, so as to realize the running of multiple algorithms and flexible scheduling based on algorithm group, and realize structured video analysis, facial analysis and vehicle analysis.



### Main Features

- **Total Analysis**  
Supports total analysis to carry out multiple algorithms like facial, video and vehicle structuralization to picture or video. Supports structured data extraction and modeling according to requirements.
- **Multiple Algorithms**  
Supports algorithm group to carry out grouped management of multiple algorithms like facial, video and vehicle structuralization. Supports intelligent analysis and application according to requirements.
- **Dynamic Switching**  
Supports dynamic switching between multiple algorithms, so as to realize flexible scheduling.

### Available Model

- DS-IF2006-A3H/NF



## Specification

Model		DS-IF2006-A3H/NF	
Analysis performance	Facial analysis	Picture analysis and comparison	720 pieces/second; Format: jpeg, bmp, tif, png
		Video analysis and comparison	120 channels (1080 P)
	Video structuralization	Analysis of human body or vehicle videos	120 channels (1080 P)
		Analysis of human body or pictures	46.2 million pieces/day (1080 P)
	Vehicle analysis	Analysis of vehicle Pictures	10.2 million pieces/day (7 MP)
	Video Behavior analysis	Indoor behavior detection	96 channels (1080 P)
		Street behavior detection	90 channels (1080 P)
		Perimeter detection	120 channels (1080 P)
		Trend analysis	96 channels (1080 P)
	* The analysis of face pictures, face videos, human body or vehicle pictures, human body or vehicle videos, vehicle Pictures, Indoor behavior detection, Street behavior detection, Perimeter protection, and Trend analysis are exclusive performance.		
Hardware	Mainboard	CPU	Intel® Xeon® CPU x 2
		Memory	256 GB
		Hard disk	480 GB SSD × 1
		GPU	NVIDIA Tesla T4 × 6
	Interface	Network interface	Gigabit Ethernet self-adaptive interface × 4
		USB interface	USB 2.0 × 2 + USB 3.0 × 2
		VGA interface	1
	General	Chassis specification	19 inch 2 U standard chassis
		Power module	Hot-plugged efficient 1+1 redundant power module
		Power consumption	1600 W
		Storage temperature	-40°C to 70°C (-40°F to 158 °F)
		Working temperature	5°C to 35°C (41°F to 95 °F)
		Working humidity	8% to 90% (without condensation)
		Net Weight (without package)	28.6kg
		Gross Weight (with package)	36.5kg
		Dimension (L × W × H)	715.5 mm × 482 mm × 86.8 mm (28.2 inch × 19.0 inch × 3.4 inch)
Package size (L × W × H)	965 mm × 670 mm × 320 mm (38.0 inch × 29.4 inch × 12.6 inch)		