

## DS-IF1064-03U/X/PAK(O-STD)(A7)(V2)

### 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 resources 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.



## Specification

Model		DS-IF2003-A3H/NF	
Analysis performance	Facial analysis	Picture analysis and comparison	360 pieces/second; Format: JPG/JPEG, BMP, PNG, TIFF/TIF, Static GIF
		Video analysis and comparison	64 channels (1080 P)
	Video structuralization	Analysis of human body or vehicle videos	64 channels (2 MP) 48 channels (2 MP to 5 MP) 32 channels (5 MP to 8 MP)
		Analysis of human body or vehicle pictures	23.1 million pieces/day (1080 P)
	Vehicle analysis	Analysis of vehicle Pictures	116 pieces/second (2 MP ) 94 pieces/second (5 MP ) 70 pieces/second (9 MP )
	Video Behavior analysis	Indoor behavior detection	48 channels (1080 P)
		Street behavior detection	45 channels (1080 P)
		Perimeter detection	60 channels (1080 P)
		Trend analysis	48 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® 5418Y x 1
		Memory	128 GB DDR5
		Hard disk	480 GB SSD × 1 (single disk)
		GPU	NVIDIA Tesla T4 × 3
	Interface	Network interface	1 Gigabit Ethernet self-adaptive interface × 2
		USB interface	USB 2.0 × 2 + USB 3.0 × 1
		VGA interface	2
	General	Chassis specification	2 U standard chassis
		Power module	Hot-plugged efficient 1+1 redundant power module
		Power consumption	800 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)		37.2kg	
Dimension (L × W × H)	721.6 mm × 482 mm × 86.8 mm		