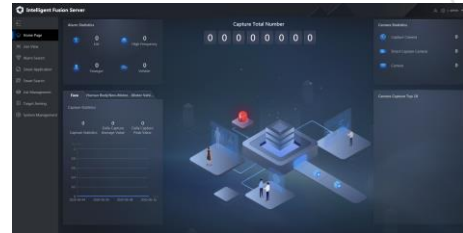


DS-IS5300



- Integrates analysis, storage and application as one, and applicable to various scenarios.
- Performs various functions, including list alarm, personnel archive, and vehicle arming, etc. via web application interface.
- Supports cluster deployment to deal with balanced load, dynamic adding and failover.
- Equipped with professional GPU accelerator and integrates deep learning-based intelligent algorithms.

▪ Specification

Model		DS-IS5300
Product Description	System Version	CentOS 7.7
	Device Version	V 1.1.1
	Platform Version	HCP 1.7
	Device Type	Software and Hardware
Face Analysis	Data Type	Picture and Video
	Facial Video Format	Real-time video stream: H.264, Hikvision H.265
	Video Frame Rate Requirement	≤ 25 rates per second
	Face Picture Format	jpeg, bmp, tif, png
	Face Picture Requirement	Face analysis target: Face frame: 20 to 300 pixels recommended Face angle deviation: Face analysis: ≤ 35° (vertical); ≤55° (horizontal) Face picture of list library: ≤ 25° (vertical); ≤30° (horizontal)
	Face Video Analysis and Comparison	60 channels
	Face Picture Analysis and Comparison	360 pieces/second Format: jpeg, bmp, tif, png
	Max. Number of Arming Lists	3 million
	Max. Number of List Libraries	128
	Max. Number of Static Lists	10 million
	Imported Video Analysis	Single video size ≤ 10 GB, and total video size ≤ 100 GB
	Recognition Accuracy	99%
	Concurrent Performance-1 V 1 Comparison	16 pairs per second
	Blacklist	≤ 1 s

	Alarm-Response Time	
Video Structuralization	Data Type	Picture and Video
	Video Format	MP4,AVI,TS,PS,MBF,ASF
	Video Frame Rate Requirement	no more than 25 rates per second
	Picture Format	jpeg, bmp, tif, png
	Human Body Picture Requirement	Width: 70 to 300 pixels recommended Completeness: the blocking area should be less than 30 percent of the target Angle deviation: the depression angle should be no greater than 45°
	Vehicle Picture Requirement	Vehicle width: 100 to 300 pixels recommended License plate width: 80 to 120 pixels recommended Angle deviation: less than 30°, modelling for both the front and rear
	Vehicle Videos	Video resolution: ≤800W (4096 × 2160)
	Vehicle Pictures	Picture resolution: ≥256 × 256 and ≤800W (4096 × 2160)
	Vehicle attribute	Vehicle color, vehicle type, vehicle size, vehicle brand, sub-brand, driving direction, driving speed, license plate number, license plate type, license plate color, higher-emission vehicle or not, vehicle hazardous goods-carried vehicle or not, as well as the following behaviors: pulling sunshade down, using mobile phone, wearing safety belt
	Imported Video Analysis	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: ts, svac, mbf, ps, mp4, avi, asf
	Recognition Accuracy	99%
Data Storage	Storage	50 million
Web Application	Alarm	Blocklist, Allowlist, and license plate
	Smart Search	List library search, capture library search, alarming search
	Personnel Archive	Support
	Number of License Plate Arming Lists	≤ 1000
	Device Operation and Maintenance	Support
Product Performance	Algorithm Type	Vehicles
	Algorithm Version	DFR V4.3.10; FD V4.3.1; HMS V4.0.1
	Authorization Type	Soft Encryption

	Protocol Type	ISAPI
	Cluster Capacity	≤ 5
	Video Accelerating Capacity	40
Hardware Specifications	CPU	2 × Intel Xeon Gold 6130
	Memory	256GB
	Hard Disk	1 × 240GB SSD/ 3 × 480GB SSD / 4 × 8TB SATA
	Network	Gigabit Ethernet self-adaptive interface × 4
	GPU Card	3 × Tesla T4

▪ Available Model

DS-IS5300-FD

DS-IS5300-SOFTWARE

DS-IS5300-DFR

DS-IS5300-HMSZA

DS-IS5300-HMS

DS-IS5300-30M

DS-IS5300-50M

DS-IS5300

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