

DS-IF2004-C1U/X **Full Analysis Server**



Full analysis series video cloud structured server is a professional video intelligent structured server. The server can realize the running of multiple algorithms and flexible scheduling based on algorithm group, as well as conduct structured video analysis, vehicle analysis. It is widely applicable to various industries, including public security, traffic, finance, judiciary, energy, culture, education, health, etc.

- Adopts full analysis to execute multiple algorithms, like vehicle and video structuration for pictures or videos
- High density GPU design with high computing capacity to manage large scale projects
- Supports cluster deployment to meet balanced load, dynamic adding, and failover
- Supports algorithm group to execute grouped management of multiple algorithms like vehicle, video structuralization
- Supports intelligent analysis and application according to demands
- Adopts dynamic switching among multiple algorithms to provide flexible scheduling

▪ Specification

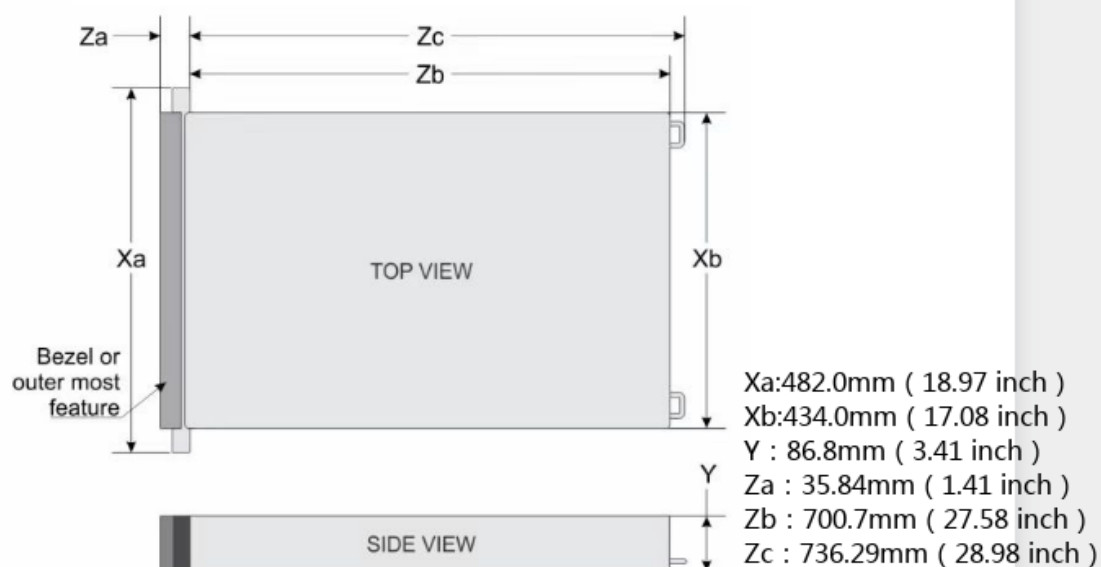
Model		DS-IF2004-C1U/X
Face Analysis	Face Picture Format	JPG/JPEG, BMP, PNG, TIFF/TIF, Static GIF
	Face Picture Requirement	Resolution: 106 × 126 to 16 MP (Picture size: ≤ 8 MB) Pupil distance: 20 to 200 pixels recommended Face angle deviation: less than 45° (horizontal); 20° (vertical) Face picture angle of list library: ≤ 25° (vertical); ≤ 30° (horizontal) Clear and complete without colored-glasses and light reflection The ratio of covered to overall area should be less than 20% Pupil distance: ≥ 40 pixels
	Max. Arming Lists	3 million
	Face Picture Analysis and Comparison	The performance (Modeling OR Modeling + Matching) : - Modeling: 240 images/second (snapshot small images) *4 - Modeling + Matching: 208 images/second (snapshot small images) *4
Product Performance	Authorization Type	Device Encryption
Hardware Specifications	Memory Parameters	256G DDR5
	CPU	24核*2
	Hard Disks	480 GB*2(raid1)
	GPU Cards	4 × L2
	External Interfaces	USB 3.0 × 1 + USB 2.0 × 2 + VGA × 2
	Max. Power Consumption	530W
	Device Dimensions	482 mm (W)*772.13mm(D) *86.8 mm(H)
	Package Dimensions	667mm(W)* 1010mm(L)* 327mm(H)
	PSU	1400 1+1
Physical and Environmental Parameters	Net Weight (Without Package)	22kg
	Gross Weight (With Package)	33 kg
	Storage and Transportation Temperature	-40 to 65°C (-40 to 149°F)

▪ Available Model

DS-IF2004-C1U/X

DS-IF2004-C1U/X(B)

▪ Dimension



▪ Accessory

▪ Included

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**Full Analysis
Server**



See Far, Go Further



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