



Hikvision DS-IF1064-03U/X(A7)

Full Analysis Server · Specification summary



Facial Video Format	720P to 8 MP, standard H.264/H.265 Resolution: 1920 × 1080; head and shoulders width: 40 to 300 pixels Angle deviation: less than 60°(horizontal) and 30°(vertical) The ratio of covered to overall area should be less than 40%
Video Frame Rate Requirement (Face Analysis)	25 fps
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. Number of Arming Lists	1 million
Face Video Analysis and Comparison	64 channels (2 MP) 48 channels (2 MP to 5 MP) 32 channels (5 MP to 8 MP)
Face Picture Analysis and Comparison	320 pieces per second
Picture Format (Vehicle Analysis)	JPG/JPEG, BMP, PNG, TIFF/TIF, Static GIF
Vehicle Picture Requirement (Vehicle Analysis)	Vehicle resolution: larger than 256 × 256 pixels (recommended) License plate width: 80 to 240 pixels (recommended) Angle deviation: less than 30°(horizontal) and 15° to 30°(vertical)
Vehicle Attribute (Vehicle Analysis)	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition; and the following behaviors: fasten safety belt or not, open the sunshield or not, use mobile phone or not
Analysis Performance of Vehicle Picture	116 pieces/second (2 MP) 94 pieces/second (5 MP) 70 pieces/second (9 MP)
Video Format	H.265,H.264
Video Frame Rate Requirement (Video Structuralization)	25 frames per second
Picture Format (Video Structuralization)	JPG/JPEG, BMP, PNG, TIFF/TIF, Static GIF
Human Body Picture Requirement	Human body width: 70 to 300 pixels recommended Picture resolution: 256 × 256 to 9 MP recommended Clear and complete
Vehicle Picture Requirement (Video Structuralization)	Picture resolution: 256 × 256 to 9 MP Vehicle resolution: larger than 256 × 256 recommended License plate width: 80 to 240 pixels The included angle between the driving and vertical direction should be less than 45° Vertical angle deviation: 20° to 45°

Analysis of Human Body and Vehicle Videos	64 channels (2 MP) 48 channels (2 MP to 5 MP) 32 channels (5 MP to 8 MP)
Analysis of Human Body and Vehicle Pictures	160 pieces/second (2 MP) 64 pieces/second (5 MP) 48 pieces/second (8 MP)
Vehicle Attribute (Video Structuralization)	Vehicle model, Vehicle color, license plate number, Vehicle main brand
Authorization Type	Device Encryption
Memory Parameters	16 GB×2
CPU	Hygon3250*1
Hard Disk	240 GB
GPU Card	2 × KT2card
External Interfaces	USB 3.0 × 4 + USB 2.0 × 2 + VGA × 1
Max. Power Consumption	550W
Device Dimensions	439 mm (W) × 591 mm (D) × 44 mm (H) (17.28" × 23.27" × 1.73")
Package Dimensions	570 mm (W) × 780 mm (D) × 180 mm (H) (22.44" × 30.71" × 7.09")
PSU	CRPS 550 W × 2
Storage and Transportation Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Net Weight (without package)	12 kg (26.46 lb.)
Gross Weight (with package)	16 kg (35.27 lb.)

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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