DS-VBD1HH-UF/H/D65

- Supports fuzzy search via setting searching conditions like time range, camera, and human face/vehicle/vehicle attribute.
- Supports data area comparison to find data that meet searching conditions.
- Adopts cluster linear expansion to realize the flexible expansion of storage and performance.
- Support single deployment or cluster deployment within 5 machines.
- Supports system disaster tolerance to keep the server running when any node in cluster has fault.
- Supports trace information statistics via model comparison.
- Supports similarity matched searching for single model or multiple models.
- Single server supports storing 1.8 billion facial/human/vehicle data, with daily increase of 10 million data accesses.
- Supports multi-dimensional data integration and storage, and data association.
- Adopts multi-duplicate data saving and fault tolerance mechanism to realize automatic recovery.

▪ Specification

Product Performance	
Data Type	Human face data, Human body data,Vehicle data
Hardware Specifications	
CPU	5420+*x2 *CPU transitions to 5420+ (from 5418Y) in Q42025.
Memory	512GB DDR5
Network Interfaces	10 GbE SFP+ interface × 2 + 1 Gigabit Ethernet interface × 2
Max. Power Consumption	1400W
Device Dimensions	772.13 mm × 482 mm × 86.8 mm (30.39'' × 19.0'' × 3.41'') With package: 1010 mm × 667 mm × 327 mm (39.76'' × 26.26'' × 12.87'')
HDD Specifications	960G SSD×2(RAID_1)+1.6T NVME U.2 SSD×4+8T 7.2K SATA HDD×6(RAID10)
PSU	Hot-plugged efficient 1+1 redundant power module
Ports	USB 3.0 x 1 + USB 2.0 x 2 + VGA x 1
Physical and Environmental Parameters	
Working Temperature	+5°C to +35°C (41°F to 95 °F)
Working Humidity	8 % to 90 % (without condensation)
Net Weight (Without Package)	36.1 kg (79.58 lb)
Storage and Transportation Temperature	-40°C to +70°C (-40°F to 158 °F)

▪ Available Model

DS-VBD1HH-UF/H/D65

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