DS-VBD1HH-UF/H

- Supports fuzzy search via setting searching conditions like time range, camera, and vehicle attribute.
- Supports similarity matched searching for single model or multiple models.
- Supports trace information statistics via model comparison.
- Supports data area comparison to find data that meet searching conditions.
- Supports storing and searching of 2 billion pieces of vehicle data.
- Supports multi-dimensional data integration and storage, and data association.
- Adopts cluster linear expansion to realize the flexible expansion of storage and performance.
- Adopts multi-duplicate data saving and fault tolerance mechanism to realize automatic recovery.
- Supports system disaster tolerance to keep the server running when any node in cluster has fault.

▪ **Specification**

Model		DS-VBD1HH-UF/H
Product Performance	Data Type	Vehicle data
	Software Function	Vehicle data: Vehicle search, entering downtown for first time, frequent entrance & exit, area comparison, vehicle with fake license plate analysis, model arming, etc.
	Cold Data	2 billion pieces of vehicle data; storage capacity for single data type
Hardware Specifications	CPU	Intel ® Xeon® 4114 CPU x 2
	Memory	256 GB DDR4
	Network Interface	1 Gigabit Ethernet interface × 4
	Max. Power Consumption	750 W
	Device Dimensions	715.5 mm × 482 mm × 86.8 mm (28.2'' × 19.0'' × 3.4'') With package: 960 mm × 610 mm × 295 mm (37.8'' × 24.0'' × 11.6'')
	HDD Specification	240 GB M.2 x 2 + 480 GB SSD x 6 + 4 TB 7.2 K SATA × 2 (RAID_1)
	PSU	Hot-plugged efficient 1+1 redundant power module
	External Interfaces	USB 3.0 × 2 + USB 2.0 × 2 + VGA × 1
Physical and Environmental Parameters	Net Weight (without package)	26.5 kg (58.4 lb)
	Storage and Transportation 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)

▪ **Available Model**

DS-VBD1HH-UF/H

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