VS-DB9500E-IN Database Server Datasheet

VS-DB9500E-IN

Overview

The VS-DB9500E-IN database server is a big data server that provides storage and retrieval service for large volume of structured and semi-structured data. The server provides high-speed database read/write and is ideal for large-volume data services of the security industry.

Features

● Supports mixed storage of structured and semi-structured data with adjustable ratio.

● Supports distributed server clusters, allows multiple data backups.

● Supports real-time vehicle monitoring tasks and big data analytic tasks to satisfy requirements of various big data service applications.

● Uses advanced correlation algorithms to retrieve from billion pieces of data within seconds.

● Optimized software and hardware integration, secure and efficient.

● Industrial-grade standard hardware integration ensures stable and reliable system.

● Stand-alone server supports cold standby (one integrated 4TB enterprise SATA HDD to be purchased separately as the cold-standby HDD).

Specifications

Model	VS-DB9500E-IN
Max Storage Capacity Per Server	
Structured Data	1 billion pieces
Semi-structured Dynamic Face Data	50 million pieces

Semi-Structured Passing Vehicles Data	5 million pieces
Semi-structured Static Face Date	50 million pieces
Semi-structured Video Data Of Human Objects	25 million pieces
Hardware Parameters	
AC Power Input Interface (PSU0)	100-240 V AC; 50 Hz/60 Hz
Expansion Power Module Slot (PSU1)	1 x 600W power module (standard) 1+1 redundancy (optional)
Network Interface	GE*5
Serial Interface	2 x RS232 One for SAS3008 troubleshooting, the other is the server's serial interface
USB Interface	4
HDD	2TB SAS*2
RAM	32GB*4
Dimensions (W×D×H)	446mm×760mm×89mm
Weight	20KG
Whole-system consumption	Maximum 450W
Operating temperature	5°C-35°C (recommended: 10°C-35°C)
Operating humidity	20RH%-80RH% (noncondensing)

Ordering Info

Product Model	Description
VS-DB9500E-IN	Database Server