SWP-Data Manager 5.0-IN Data Management Service Software Datasheet

Overview

The SWP-Data Manager 5.0-IN is the video data management service software developed specifically for security surveillance applications. The software provides recording management, IP SAN management, and on-demand playback functions. It is suitable for video recording applications in large and medium-sized video surveillance systems. The software provides massive device connections, high reliability, full support for high-definition videos, and is widely applicable to industries including public security, finance, transportation, power, energy, education, large industrial parks, buildings, healthcare, etc.

Features

Powerful data management capability

- Retrieves and starts playback in seconds, searches several months' video within seconds.

- Supports max. 16x forward and backward, supports playback by frame.

- Supports high-speed recording download.

- Supports data rewriting when storage space is full.

- Supports instant playback and multi-channel synchronous playback.

- Supports instant display of playback service load, including the number of playback channels, bit rates, and distribution status of playback clients.

- Supports TS and PS playback streams based on UDP and TCP.

- Supports device and service alarms.

High availability

- Supports cluster.

- Supports N+M storage backup, switches to a remote standby storage in case the primary storage fails.

- Guarded by a daemon to prevent process exceptions effectively.

- Linux OS ensures 24/7 stable operation.

All-IP network transmission

- Supports multiple network protocols: TCP, RTSP, UDP, HTTP, IGMP, Telnet, ICMP, SIP, SNMP, FTP, TFTP, iSCSI, NFS, CIFS.

Standardization

- Establishes and tears down service based on SIP, manages configuration based on SNMP.

- Supports standard TS encapsulation for playback streams.

- Supports standard RTSP for playback.

- Supports Onvif.

Specifications

Storage Management	Description
Storage performance	512 channels/1024Mbps
Playback performance	128 channels/256Mbps
Server System Requirements	Description
Operating system	CentOS 7.3, 64-bit
CPU	Intel Xeon E5-2640 v4
RAM	DDR4, 32GB
HDD	1T
Network interface	GE*4

Order Info

Item	Qty	Remarks
SWP-Data Manager 5.0-IN	1	Data Manager 5.0-IN-VS0M6DM5-Data Management Service Software Package(with recording retrieval module, VOD module, and single-server installation license)-Overseas Version

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