



HDRC

HD Recording Center



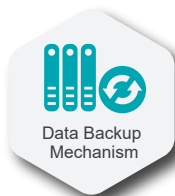
Multiple
Video Recording
Modes



Powerful
Management
Structure



User
Authority
Management



Data Backup
Mechanism



Efficiency
Improvement

HDRC ^{STD}
32 CH

HDRC ^{PRO}
64 CH

HDRC ^{ADV}
128 CH



Best Assistant For Video Recording Storage

SUPERIOR VIDEO RECORDING MANAGEMENT, RECORDING MISSION IS IMPECCABLE!

HDRC can truly record all the details of the image with the best high-quality video recording capability. Its rich functions and intuitive interface can make users operate it easily. Powerful file management function effectively improve the efficiency of managing video files; multiple video recording modes and data backup mechanism can ensure non-interruption. In addition, HDRC provides a variety of expandable equipment mechanisms to solve insufficient video storage space in order to complete video management and storage within the least time!



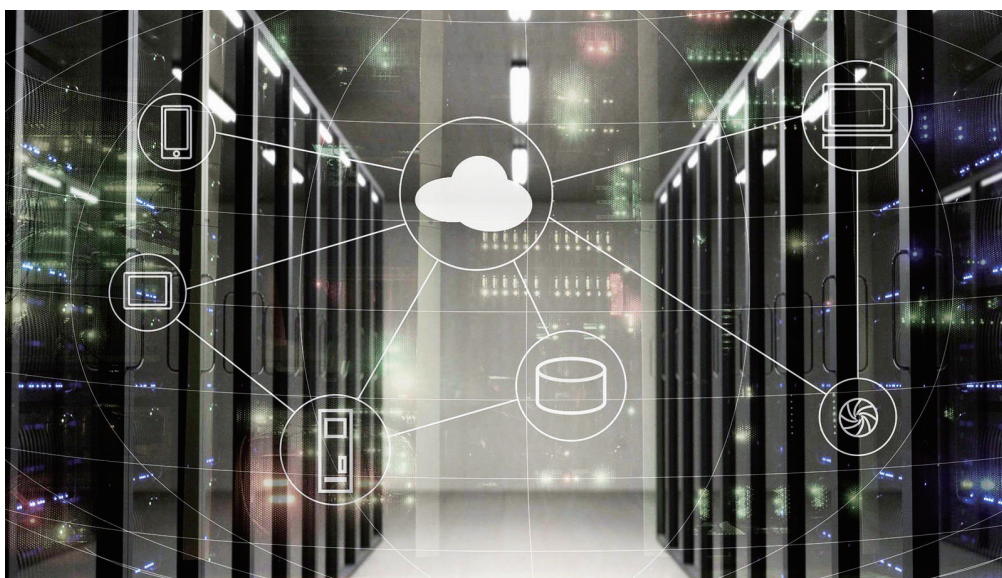
HDRC-F ^{Optional}
HD Recording Center - Failover

- For HDRC host server failover
- Support video recording backup of multiple servers
- Support failure recovery
- Support set recovery speed



HDRC-R ^{Optional}
HD Recording Center - Redundant

- Synchronize with HDRC host server
- Support simultaneous video backup of multiple servers
- Support Main / sub stream backup



HIGH-QUALITY VIDEO RECORDING FUNCTION AND GRAPHICAL USER INTERFACE(GUI) EXACTLY MEET YOURS.

Best Solution For High-Capacity Video Recording & Stable Storage.



High-definition and real time video recording technology

- Innovative recording engine technology can save the storage space by more than 20%.
- Search and configure cameras by one click .
- Single video server supports 128 channels of real time recording.
- Support multiple browsers for live view and video playback.



Powerful management structure

- Simple and intuitive interface are able to complete the file management and setup quickly.
- Manage video recordings & alarm events effectively.
- Support unlimited users management authority



Flexible video recording modes

- Multiple video compression formats: H.265, H.264, MPEG-4, MJPEG, etc.
- Multiple recording modes: general full-time, general weekday, general holiday, event full-time, event weekday and event holiday video. Main and sub stream recording formats
- Export file formats: AVI, MP4, MKV and NVR (the owned formats of 3S)



Multiple video backup modes and backup mechanism

- Multiple video backup modes: scheduling backup, manual backup and remote backup
- HDRC-F or HDRC-R software are optional which can improve backup mechanism and ensure non-interruption.

Software Function

HDRC is All-in-One software that contains video playback, recording schedule management and alarm triggered. It supports multiple video recording modes. No matter you are beginner or not, the Intuitive interface is easy to understand and help user save much time. Its powerful and rich functions exactly meet proprietors to manage video recording for large fields or special regions.



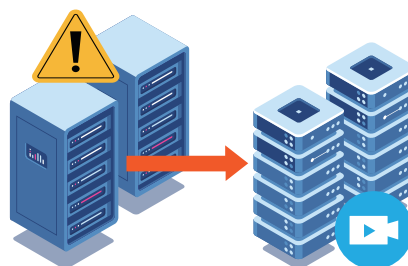
Intuitive interface is easy to use

Intuitive interface and excellent file organization structure enable users to complete management settings quickly.



Support customized account and authority settings

The management authority of each user account can be customized in the system.



Flexible scalability to enhance efficiency

Excellent storage expansion function can be used freely with video streaming server, RAID or IP-SAN to meet the needs of long-term video recording.



Excellent backup mechanism to ensure non-interruption

When the main video server was failed or damaged, the backup server starts to back up in 1 minute and then it will automatically takes over all system functions and protect the data from interruption due to failure or hardware damage.

Software Specifications

Software Version	HDRC ^{STD}	HDRC ^{PRO}	HDRC ^{ADV}
Camera Access Channels	32CH	64CH	128CH
Support Number of Clients	2	5	128
Support OS	Windows 7, Windows 8, Windows 10, Windows Server 2019		
Language	Traditional Chinese, Simplified Chinese, English, French and Dutch.		
Video Resolution	Up to 12M, 4K, 2K		
Video Compression	H.265, H.264, MPEG-4, MJPEG		
User Management	Unlimited users and groups and support customized group authorities.		
ONVIF Cameras	3S, ONVIF & RTSP Streaming		
Audio Format / Capability	G.711U, G.711A, G.726 / Two-Way Audio		
Recording Mode	General full-time, General weekday, General holiday, Event full-time, Event weekday and Event holiday video.		
Snapshot / Export File	JPEG / AVI, MP4 & MKV, Support Waterfram, can played by Windows Media Player/VLC		
Support Mobile App	3VMS (iOS / Android)		
Alarm Management	System: Startup, Shutdown, Time, Time period, Add new channel, Remove channel, Modify channel, Time sync failed, Save path changed, Out of disk space, Camera: Connected, Disconnected, Start record, Stop record, Motion detection, Object detection, Hardware detection, PIR alarm, SD Card alarm, Smart line crossing detection, Smart double line crossing detection, Smart area detection, Human detection		

Recommended Equipment



intel NVR Server

ENTERPRISE CLASS -

Meet long-time & large number of megapixel video recording.

Intel NVR servers are provided with the built-in processors with more than four cores and huge storage capacity, and can support the serial connection of multiple servers. Single server can simultaneously record and manage up to 128 IP cameras, stack multiple servers, and support more than 100,000 video streaming management functions.

Model No.	IA0641	IA0641-E	IB1281	IB1281-E	IC1281	IC1281-E
Camera Access Channels	64CH (128CH)					
Processor	Intel® Xeon® E3					
Memory	8GB					
Support OS	Windows 7	Windows 10	Windows 7	Windows 10	Windows 7	Windows 10
Input / Output Bandwidth	768Mbps / 768Mbps					
Graphics	V					
SATA	Intel® C236 controller for 8 SATA3 (6 Gbps) ports					
Storage Device	Support 3.5" HDD x 12		Support 3.5" HDD x 16		Support 3.5" HDD x 24	
Power Input	100 - 240Vac, 50-60Hz					
Power Consumption	500W	740W	500W	740W	920W	740W
Storage Temp.	-40°C ~ 70 °C (-40°F ~ 15 8°F)					
Dimension	(W)437 x (H)89 x (D)647mm		(W)437 x (H)132x (D)647mm		(W)437 x (H)178 x (D)647mm	

*Professional JBOD Optional.

Recommended Software & Equipment

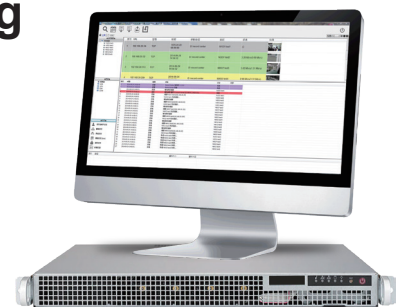


HDMSS HD Management Streaming

POWERFUL STREAMING -

Provide smoother video streaming management experience!

HDMSS can effectively integrate the huge video files of the smart security surveillance products, transmit the video to clients stably and quickly, and reduce the video transmission flow of HDRC. In addition, it supports flexible group authority and management settings.



Support unlimited video streaming & multi-stream copy function.



Support user groups, permissions and user management.



Real time monitoring of transmission loading & system status

*Professional MSS Server equipped with HDMSS.

Model No.	L20011	L20041	L40041
OS Device	150GB 2.5 SSD		
Support OS	Window 10		
CPU	Intel® Xeon® E5		
Memory	16GB		
Input / Output Bandwidth	512Mbps / 512Mbps	5632Mbps / 5632Mbps	10752Mbps / 10752Mbps
Display Support	VGA x 1		
Connection	Ethernet RJ-45, 10 / 100 / 1000 Mbps x 2	Ethernet RJ-45, 10 / 100 / 1000 Mbps x 2 SFP+ (10 Gigabit) x 2	Ethernet RJ-45, 10 / 100 / 1000 Mbps x 2 SFP+ (10 Gigabit) x 4
Remote Access	TCP/ IP, LAN, WAN, Internet, Modem Dial-up, Modem-to-Modem, ISDN		
Operating Temp.	5 ~ 35 °C (41 ~ 95 °F)		
Humidity	10 - 90% RH (Non-condensing)		
Dimension	(W)437 x (D)429 x (H)43mm		