

huperVision 4000 v.s. huperDVR 2400

Features	huperVision 4000 (v 1.1)	huperDVR 2400 (v 1.56)
Video Input	4, 8, 12, 16 (NTSC or PAL)	4, 8, 16 (NTSC or PAL)
Audio Input	1, 4	1, 2, 4
Screen Display	Full Screen 1, 4, 6, 7, 9, 10, 13, 16 Split-Screen Display Loop Display	Full Screen 1, 4, 6, 7, 9, 10, 13, 16 Split-Screen Display Loop Display
Resolution	320x240, 640x240 and 640x480 (de-interlace) pixels	320x240, 640x240 and 640x480 (de-interlace) pixels
Display/Recording Rate	30 fps (NTSC) 25 fps (PAL)	30 fps (NTSC) 25 fps (PAL)
Video Compression Format	Motion-JPEG HM (MPEG-4 like)	Motion-JPEG HM (MPEG-4 like)
Language	English, Traditional Chinese	English, Traditional Chinese, French, Germany, Italy, Polish, Portuguese, Slovak, Spanish and Turkish
Recording & Viewing		
5 recording mode options: non-stop recording, non-stop smart recording, event recording, time-lapse recording and schedule recording	V	V
Brightness, contrast, saturatin and hue adjustment	V	V
Digital zoom-in	V	V
Wide Dynamic Vision Pack (including visibility enhancement, sharpness adjustment, noise reduction and size filtering)	Built-in	Available as a separate module
Playback & Search		
16 video records playback simultaneously	V	V
Search video records by camera, date, event types and time segment just in seconds	V	V
Smart Search includes advanced motion search, and missing & left object search	V	
Detection		
Easily detect suspicious circumstances with motion detetion (with object size filtering), sensor detection and manual detection	V	V
Missing & left object detection: sends warnings when a suspicious object is left or miss from the camera view for a period of time	V	
Virtual fence detection: perceives intrusions when suspicious objects pass the pre-defined lines	Available in v 1.3	
Secure zone detection: alarms when intrusions occur in the pre-defined secure area	Available in v 1.2	
Flame detection: notifies users while detecting flames	Optional	
Flow counting: shows the number of objects passing a pre-defined line or area	Optional	
Event Notification		
Send event notifications by phone, email, fax, siren, and flash	V	V
Send event notifications by FTP event images	V	
Manually trigger events in a full screen display	V	V
Attach event snapshots with email notifications	V	V
Notify video loss by phone	V	V
Automatically generate event reports emailed on a daily, weekly or monthly basis	V	V
PTZ Camera Control		
Provide advanced PTZ camera control functions, such as iris control, pan/tilt speed adjustment, auto-loop/auto-pan, and PTZ control over a joystick/keyboard	V	V
Directly control PTZ camera with one click to move or zoom-in	V	
I/O sensors can trigger the PTZ camera to preset positions when events happen	V	
PTZ camera automatically tracks and zooms in a moving object with PTZ auto tracking * function	V	
Remote Viewing & Control		
Support remote viewing via standard web browsers, PDA (WinCE), mobile phones and smart phones with Remote Viewer	V	V
View web cam pages at the Dynamic IP server	V	V
Display on-the-fly video frame while navigating at Record Player	V	
Support remote viewing, recording, playback, DVR setup and video records retrieve	V	V
Central Management System (CMS)		
Remotely control PTZ camera or trigger I/O devices	support by huperCenter	
Real-time, two-way voice communication b/w DVR servers and clients	V	V
Receive event notifications from video loss, video content detection, sensor detection, and manual trigger	Available in v 1.2	
Support dual screens and 64 cameras display	support by huperCenter	
Backup & Share		
Backup video records manually or by schedule	V	V
Directly backup recording files to CD/DVD	V	V
Snapshot a video frame for printing or save it as a BMP or JPEG file	V	V
Embed digital watermark in snapshots	Available in v 1.2	
Export video records to an AVI file or a self-executable file (.exe). The self-executable file is embeded with digital authentication and password protection.	V	V
Access Control & Stability		
Multiple levels of access control by cameras and by authorities	Multiple (unlimited)	4 levels of access control only
Centralized access control to simplify DVR operation in LAN	V	
The SmartFile management technology avoids disk fragmentation and increase system stability	V	V
Provide hardware watchdog for system recovery	V	V
Windows hotkey lock to avoid abnormal DVR/machine shutdown	V	
Others		
Support I/O devices up to 16 sensor inputs and 16 relay outputs	V	V
Provide E-map that lays out the locations of video cameras, sensor and alarm devices	V	V
Task scheduling on recording, event detection and event notification	V	V
Auto Windows & DVR log-in	V	