

huperVision 4000 v.1.6 Product Specifications

Specifications

Video Input	Up to 64 HD-SDI / CCTV cameras (NTSC/PAL), selected IP / megapixel cameras, or Tribrid combination (of HD-SDI, CCTV, and IP cameras)
Audio Input	1 ~ 64
Resolution	9, 10, 13, 16 Split-Screen Display, Loop Display, Dual Monitor Display (32 Split-Screen Display)
Resolution	1080p, 720p, 720x240 / 720x288 (NTSC/PAL, De-interlaced), 720x480 / 720x576 (NTSC/PAL, De-interlaced), 640x480 (De-interlaced), 640x240, 320x240
Display/Recording Rate (Per Camera)	30 FPS/25 FPS (NTSC/PAL); 60 FPS/50FPS (NTSC/PAL) with selected captured cards
Video Compression Format	H.264, HM (MPEG-4 Like), Motion-JPEG
Language	English, Traditional Chinese, Simplified Chinese, Croatian, Danish, Dutch, French, Hebrew, Italian, Japanese, Portuguese, Portuguese (Brazilian), Polish, Russian, Serbian, Spanish, Spanish

Product Features

Recording & Viewing	<ul style="list-style-type: none"> • Five recording modes: non-stop recording, non-stop smart recording, event recording, time-lapse recording and schedule recording • Wide Dynamic Vision Pack provides visibility enhancement, sharpness adjustment, and noise reduction • Privacy Mask allows users to mask certain areas in the surveillance video for privacy protection • Digital zoom with PiP (Picture-in-Picture) function • ROI Recording allows the adjustment of H.264 recording quality for regions of interests • Downsample Recording can downsample 1080p images to 720p or lower resolution in recording
Playback & Search	<ul style="list-style-type: none"> • Playback 16 video records simultaneously • Support backward playback • Smart Search includes advanced motion search, and missing & left object search
Video Analytics	<ul style="list-style-type: none"> • Motion Detetion (with object size filtering), and sensor detection • Motion Detection Pro* detects motions more accurately, and is less influenced by shadow and light changes • Missing & Left Object Detection <ul style="list-style-type: none"> • Virtual Fence Detection • Secure Zone Detection • Scene Change Detection <ul style="list-style-type: none"> • Face Detection* • Smoke Detection* • Flame detection*/ Flame detection Pro* <ul style="list-style-type: none"> • Loitering Detection* • Video Stabilization* • Car Plate Detection* <ul style="list-style-type: none"> • Gender Detection* • Flow Counting / People Counter* • People Counter Pro* allows setting adjustments for different scenarios • huperEyes 3D Counter* counts people with huperEyes 3D camera. Ideal for outdoor use
Event Notification	<ul style="list-style-type: none"> • Send event notifications by phone, email, fax, siren, flash and FTP event images • Attach event snapshots in email notifications <ul style="list-style-type: none"> • Video loss notification • Email event reports on a daily, weekly or monthly basis
PTZ Camera Control	<ul style="list-style-type: none"> • Full PTZ camera control functions: iris, pan/tilt speed adjustment, auto-loop/auto-pan, and PTZ control by a joystick/keyboard interface • On-screen PTZ Camera Control allows few mouse clicks on video for pan/tilt/zoom operation • I/O sensors can trigger the PTZ camera to preset positions when events happen • PTZ Camera Auto Tracking
Remote Viewing & Control	<ul style="list-style-type: none"> • Support remote viewing and PTZ camera control on a wide range of mobile devices, including iPhone, Android phones, Blackberry, Windows Mobile, and Symbian phones • Web Remote Player provides playback, download, snapshot video records from huperVision Site Server on a wide range of internet browser, such as IE, Firefox, Chrome or any flash-based browser
Central Management Solution (CMS)	<ul style="list-style-type: none"> • 500 DVR sites subscription to huperCenter for event management • Support dual screens and 64 videos display <ul style="list-style-type: none"> • Generate event logs for archives & search • Receive & manage event notifications from remtoe DVR sites • Remotely control PTZ camera or trigger I/O devices <ul style="list-style-type: none"> • Real-time, two-way voice communication
Backup & Share	<ul style="list-style-type: none"> • Backup video records manually or by schedule • Snapshot a video frame for printing or save it as a BMP file with digital watermark • Digital Watermark Verification Tool verifies what has been modified in surveillance video • 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
Access Control & Stability	<ul style="list-style-type: none"> • Multiple levels of access control by cameras and by authorities • The SmartFile Management Technology avoids disk fragmentation and increase system stability for long term recording • Provide hardware & software watchdog for system recovery
Others	<ul style="list-style-type: none"> • Up to 8 Spot Monitor TV-out Support <ul style="list-style-type: none"> • Auto Windows & DVR log-in • Support I/O devices up to 16 sensor inputs and 16 relay outputs • Provide E-map that lays out the locations of video cameras, sensor and alarm devices • Task Scheduling on recording, detection and notification <ul style="list-style-type: none"> • Automatic database fix after abnormal shutdown • Support Microsoft Windows 7 / Vista / VAC, and 64 bit OS <ul style="list-style-type: none"> • HDD Failure Notification • Support Daylight Saving and protect database from corruption due to time adjustment

Note: 1. *shows optional features in huperVision 4000.

2. Flame Detection Pro requires specific camera installation for improved accuracy.

3. Huper Laboratories is continuously in research and development and therefore reserves the right to alter specifications without prior notices.



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