SNVR-IVS-II

Intelligent Video Analytics

- Thermal Detection
- Support 360° Fisheye Correction and Preview Segmentation
- Face Detection
- Virtual Fence Detection
- Missing & Left Object Detection
- People Counting
- Support up to 64-channel Simultaneous Recording
- Support RAID 0, 1, 5, 10 Storage Modes
- Support 1, 4, 6, 9, 13, 16, 25, 36 Split Screen Playback
- Alarm Action Includes Screen Flash, Audio play, Both Records, e-mail and CMS E-Map Notification

Smart Functions	Thermal Imaging Camera	• Dual-camera module for the temperature of the object and clear display of its traits • Temperature range can be configured for alarm triggering • Frequently used on fever detection, server temperature, kitchen temperature etc., immediately checking the patient's condition, controlling temperature and avoiding catching fire
	Fisheye Panoramic	• 360° Full Panoramic View, 180° Dual View and Quad View for detailed surveillance • De-wrap real-time video or recordings from fisheye IP cameras
	CMS & Matrix	• Manage and monitor event notifications from multiple DVR/NVR sites • Archive event logs for further searching • Map display and live video display
	Seamless Cloud Storage	• Cache video recordings while confronting abnormal network traffic to avoid data loss • Auto-recycle & easy video search on external storage • Extend storage space to NAS/SAN/DAS for large data
	IP Optimization	• Auto connect & Setup IP Cameras in LAN with One Step(certain models only) • 64CH megapixel IP Camera connection • Local display, setup and video search • Dual-stream support • One-click camera setup
	Playback	Able to customize split-screen layout, and loop display camera video on the customized screen.
	Snapshot	64/56/49/48/36/30/25/24/20/16/12/9/6/4/1 split screen display, full screen display and customized screen layout
Software Features	Monitor	• Support up to 5 million pixel high-resolution IP Camera, 2 million cameras can reach 30 per second • Support ONVIF and RTSP protocol add camera, can be almost all the market brand camera, and use the camera Web set the video number, stream and resolution • Users can control the status of the local server, the remaining video space, the camera list, and their connection status through the screen • 1/4/6/9/10/13/16/25/36/49/64 divided screen • System supports platform function, can adjust the platform time, so that users can clearly see the single channel image full screen • Support bidirectional monitoring function (can be turned off), but does not affect the video. Network Time Auto-Calibration (NTP)
	Audio & Video Recording	• Support up to 5 million pixel high-resolution IP Camera, 2 million cameras can reach 30 per second • H.264 / MPEG-4 / M-JPEG (depends on IP Camera) • Intelligent video mode: Scheduled scheduling video, alarm video, appointment plus alarm • Support for motion detection alarm, camera shelter, according to user needs, the division of a number of different warning areas, and can support multi-level detection sensitivity level • Support Watermark
	Playback	• Support one screen & multscreen playback at the same time. It can display 4, 6, 9, 16, 25, and 36 channels on a single screen • Support calendar input, time input and timeline click search playback • Forward playback at 1/16x, 1/8x, 1/4x, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x, 100x. 200x • Take a snapshot of the recording in JPEG/BMP format or export a section of the video in "AVI" and "JEPG" format • Provide video screen special effects processing, such as picture mosaic, screen rotation • Continuous playback can be set to take pictures (1~999) • Search for 5 types of different analytics events, digital PTZ and video enhancement tool are all available in playback • Support simultaneous playback / Intelligent playback system
	Alarm	• Alarm record : Displacement detection, IO Alarm, IVS Alarm • Support Pre-Alarm 0~150 Sec &after alarm record 5~120 Sec
	Alarm with Actions	• Alarm with actions can be edited in accordance with the type of alarm, the source location of the action, the corresponding picture capture the four order, to define their own linkage mapping can be a single event source. For example, camera 1 generates a motion detection event, and snapshot the camera 2 & 5 and start recording • Actions include: video recording, alarm screen and even voice-activated camera PTZ preset point, E-mail, single-screen zoom • Events like motion detection, sensor triggering, video loss & HDD damage can be specifically assigned to different corresponding voice files by alarms and channel videos as well as sending email or text messages to users by configurations.
	Recording	• Continuous record, record by digital input, motion record, event recording, boosting recording, record by schedule, manual record • Operation rights can be divided into storage management, user equipment video scheduling displacement detection network management, system settings log alarm linkage management, edit the lens arrangement order password change PTZ operation control, playback function photo browse E-map Close NVR system, allowing remote log in NVR and allow the number of cameras to monitor the screen and other permissions to distinguish
	Automatic Backup	• To set their own backup work cycle, such as: month, day or a single execution • To specify the data backup time and need to be included in the camera screen • Supports local hard disk, external hard disk, network disk, NAS, FTP Server, disk array, tape drive U, USB flash drive, CD / DVD burner Machine, SD, CF, MMC, XD and other memory card backup
Hardware Requirements	Memory	• 4GB or more (more than 16 - way card or IPCAM 32 - way recommended more than 8GB
	Graphics Card	• Graphics card memory is greater than 1GB, TV-OUT graphics need to support overlay (D1 capture card) function
	CPU	• Recommended Intel, 16-way capture card or 32-way IPCAM above recommended Intel I7-4790 or more
Software Requirements	OS	• Windows 7　32 or 64 bit(Limit the capture card or IP CAM) • Windows 8　32 or 64 bit(pure IPCAM)（NTFS system file format is recommended ） • DirectX 9.0c or more(Graphics card driver or onboard chip driver included) • Net Framework 2.0(HVR software will automatically determine the installation) • Microsoft Visual C++ 2008 x86 or x64(HVR software will automatically determine the installation) • The latest graphics driver
	Recommended Equipment	• 8 CH: Intel I 3,8GB memory, IVS camera for 2 • 16 CH: Intel I5 4460,8GB memory, IVS camera for 3 • 32 CH: Intel I7-4790,8GB memory, IVS camera for 8 • 64 CH: Intel I7-4790,16GB memory, IVS camera for 8

*Specifications are subject to change without notice.

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