Hanwha Techwin

AI based object search
Increase efficiency in video surveillance

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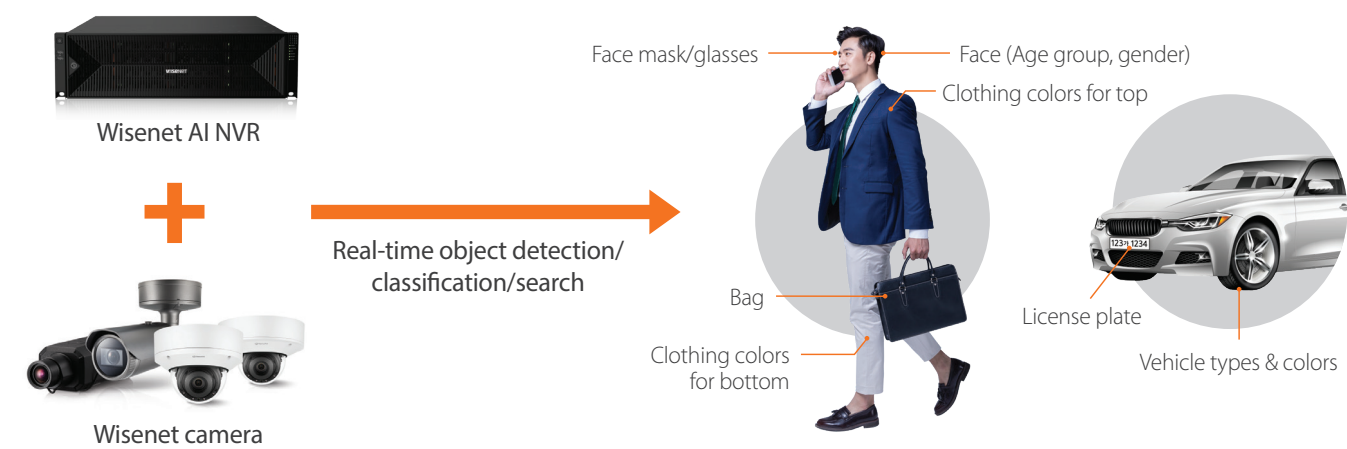Tel : +84.28.7108.8860
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Hanwha Techwin

PRN-6400DB4/6400B4/3200B4
64CH/32CH AI network storage

- Video recording & playback in up to 8K (32MP) high resolution
- AI search (Bestshot, attribute)
- Large size storage of up to 16 SATA 160TB &
  simultaneous playback of all channels
- Easy channel/event/alarm configuration with preview
- Support Dynamic Event and Bookmark
- Easy connection to smartphones with QR codes & event alarms
- Dual SMPS (PRN-6400DB4)

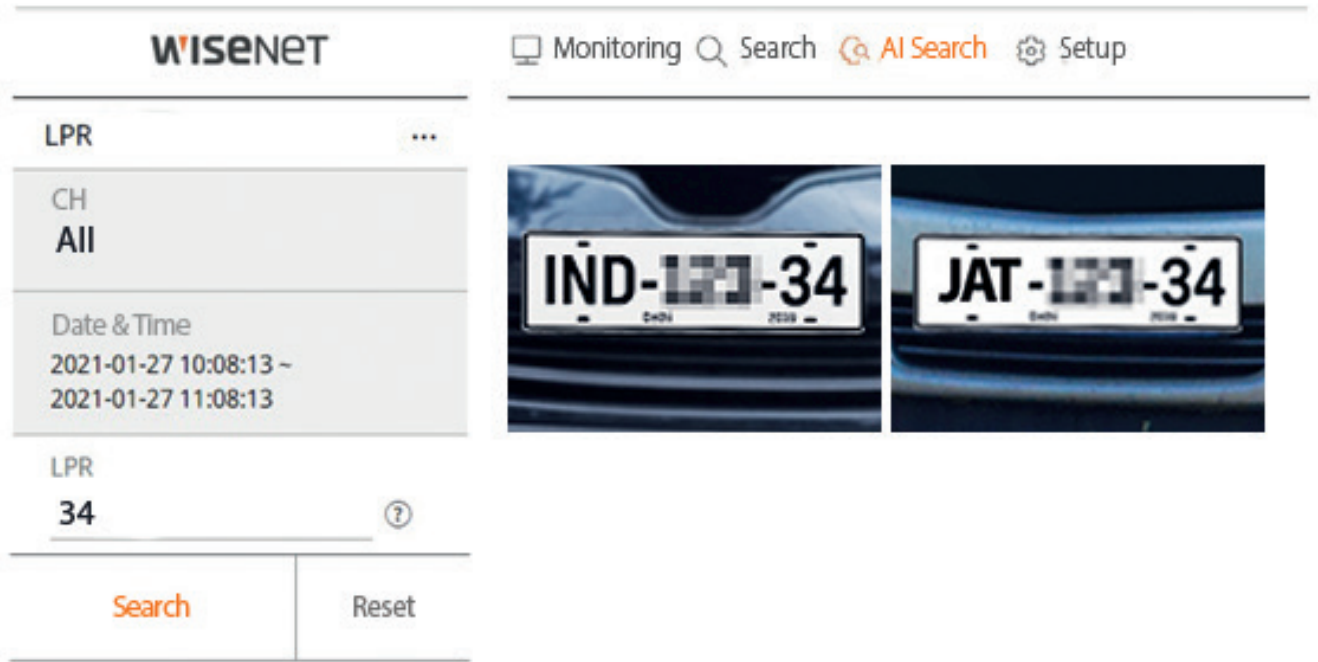Hanwha-Security.com

AI enhances accuracy and efficiency

Wisenet AI NVR with AI algorithms provides accurate object detection/classification/search, increasing the efficiency of monitoring operation.

Wisenet AI NVR

+

Real-time object detection/ classification/search

Wisenet camera

Face mask/glasses
Face (Age group, gender)
Clothing colors for top
Bag
Clothing colors for bottom
License plate
Vehicle types & colors

License Plate Recognition (LPR)

EThrough OCR (Optical Character Recognition) processing, the BestShot images of the license plates are converted into machine-readable text and numbers then stored in the Wisenet AI NVR in the form of digital data together with the images of license plates. Users can easily search license plates by typing in the numbers or characters of the license plate.

* Attributes : People (Clothing colors for top and bottom/ Wearing or carrying a bag) / Face (Age group, gender, mask/glasses wearing) when integrated with Wisenet cameras Vehicle (Types, colors) / License plate (Optical technology converts images into texts for storage, supporting search in text
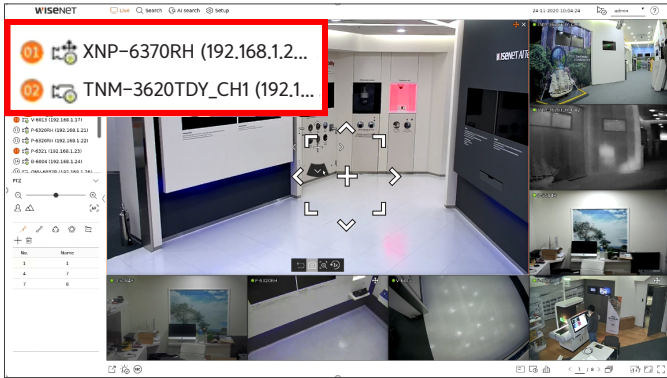
Timeline preview & easy channel, event and alarm configuration

When managing multi channels, the video recorder greatly improves efficiency in search by allowing users to preview images and video by simply hovering mouse cursor on the timeline. Users can configure event and alarm for all channels within a single page.
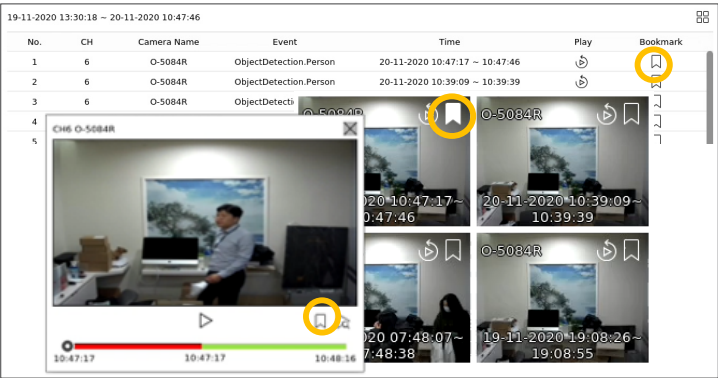
Live Monitoring & Bookmark

With Live Monitoring, users can configure the split mode as desired to view video footage in real time or find information such as system malfunction, overload or recording status for each channel. In the PTZ control mode, users can click arrow keys to move the PTZ in eight directions or zoom in to a certain area for more detailed monitoring. With Bookmark feature, users can designate up to 100 events for easy and quick event search.

Live monitoring & PTZ control

Bookmark & event search configuration
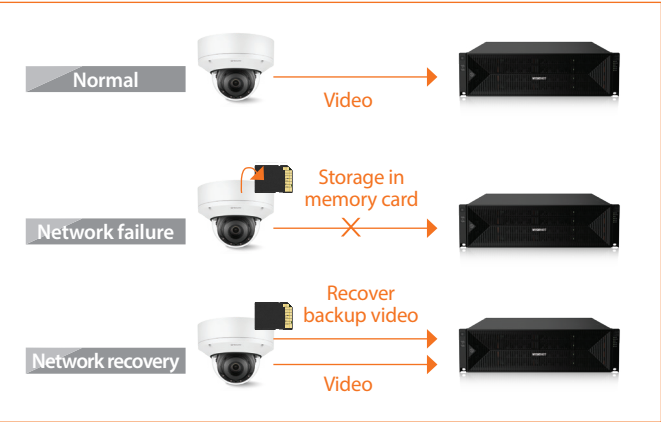
More reliable recording & storage

Hot Swap

HDD can be replaced without shutting down the computer, uninterrupting the recording.

RAID 5/6

With RAID 5/6, data is split for storage, enabling data recovery in case of drive failure.

ARB(Auto Recovery Backup)

If there is a temporary network fault preventing the streaming of video, ARB recovers the images from cameras' SD cards.

HDD Front Bay

Normal

Video

Network failure

Storage in memory card

Network recovery

Recover backup video

Video

N+1 Failover

In case the main NVR fails, the standby NVR can fill in to provide uninterrupted recording.

S/W HUB

Active NVR

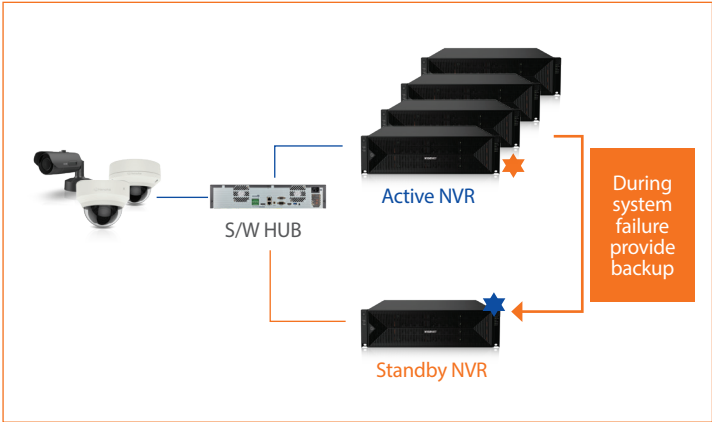During system failure provide backup

Standby NVR

Installation Wizard for easy auto recognition and setup

Local/web based installation wizard with a single UI provides easy and quick auto camera recognition and registery as well as configuration of each channel.

Local   Web

Easy installation & event push alarm

With QR codes in free Wisenet Mobile application, users can easily connect to video recorders without complex network settings. Event push alarms allow for swift identification and response to events at any time or any place.

Wisenet Mobile

Device ID : XXXXXXXXXX

Product Spec

	PRN-6400DB4 64CH AI NVR	PRN-6400B4 64CH AI NVR	PRN-3200B4 32CH AI NVR
Os	Linux		
Supported Compression	H.265, H.264, MJPEG, WiseStream		
Max. Recording Bit Rate	400Mbps		
Max # of Cameras	64CH	64CH	32CH
Network Camera Resolution	32MP ~ CIF		
HDD Slot	Up to 16 SATA (Max. 160TB)		
Record Mode	Normal, Dual Stream, Schedule (Continuous/Event), Event (Pre/Post), Bookmark		
Event Trigger	Alarm Input, Video Loss, Camera Event (Sensor, MD, Video Analytics, Defocus, Audio), Dynamic Event		
Event Action	e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out		
External Storage	iSCSI		
RAID	RAID 5/6		
Hot Swap	Yes		
Network Viewer Software	SSM, Webviewer, Smart Viewer, Wisenet mobile Support SDK/CGI (SUNAPI) for integration to 3'rd party VMS		
Local Monitor	Support dual monitor HDMI 1 (Up to 4K), HDMI 2 (FHD)		
Network Camera Protocol	SUNAPI, ONVIF		
Power Input	100 ~ 240 VAC ±10%, 50/60 Hz (Dual SMPS)	100 ~ 240 VAC ±10%, 50/60 Hz	
Power Consumption	Max. 265W (16 HDD)		
Additional Features	• LPR search (English, Numbers) • AI search attribute (Person, Vehicle, Lisence plate) • N+1 failover supported • Bookmark supported • Simultaneous playback up to 112CH • PTZ camera configuration and control		

Dimensions

Unit : mm

PRN–6400DB4

598.4
571.1
440.0
486.0
132

PRN–6400B4/3200B4

582.6
571.1
440.0
486.0
132