Recognitive NVR

Extract key moments and search objects by characteristics and behaviour from a lengthy video.

Technology Brief

The KEDACOM model NVR2881-i is a high-level intelligent NVR which uses algorithms to compress a lengthy video by summarising and displaying only key moments from it as defined by the user.

Globally, the number of cameras deployed and hence the amount of audiovisual data generated is growing. This puts pressure on organizations to devote more time and manpower to review the recorded videos. Application of video summarization dramatically reduces amount of time and manpower needed as only essential information is extracted from this data.

Once a video is compressed and relevant details sequenced from therein, it is indexed and time-stamped for quick retrieval and further analysis.

NVR2881-i supports up to 64 channels and 320MB incoming bandwidth, IP SAN (iSCSI) up to 100TB, 5 preset RAID modes, ANR, NVR Station (NVR system management SDK).

Category
NVR

Product
NVR2881-i

Application
Video Synopsis

Simple Setup

The KEDACOM NVR model NVR2881-i IP-based video synopsis solution delivers ease-of-use and simple setup.

NVR2881-i

With a simple 3-step setup, you can quickly set up your NVR2881-i video synopsis solution.

The NVR will seamlessly work with all ONVIF-compliant cameras. You are further assured of long-term support, enhanced system-wide efficiency and reduced human operational errors.

Operation Method

In 3 steps, users can generate a summary video with KEDACOM video synopsis solution.

Step 1

Initiate video synopsis mode from within NVR to generate video summary to locate desired event. If further accuracy is required, proceed to "Step 2".

Normal NVR

Watch this regular video for 2 hours

NVR2881-i

Watch this summary within 1 minute

Step 2

Input into the NVR your desired object's search criteria such as colour, size, direction of movement, time, region of interest. If even more acute detail is required, proceed to "Step 3".
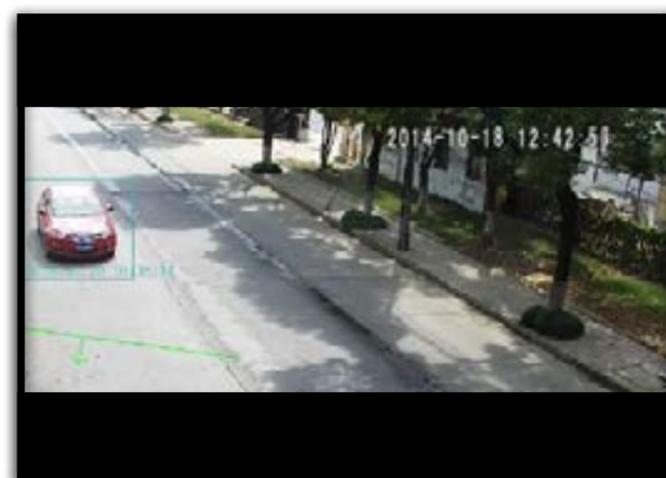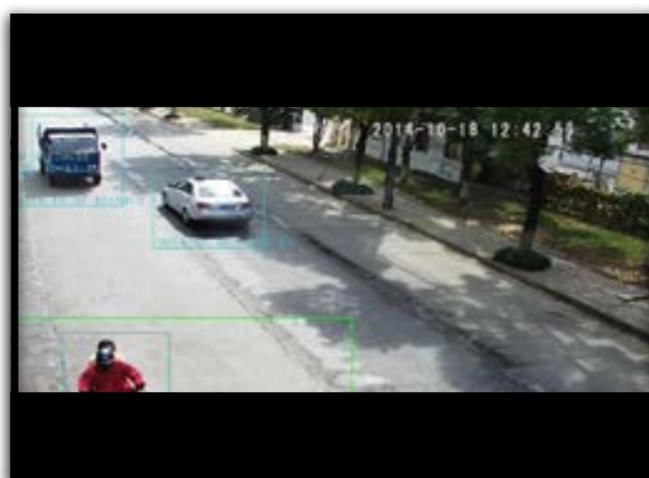

Step 3

After the search results are successfully shown by the NVR, user can double-click on a specific object for its detailed information.
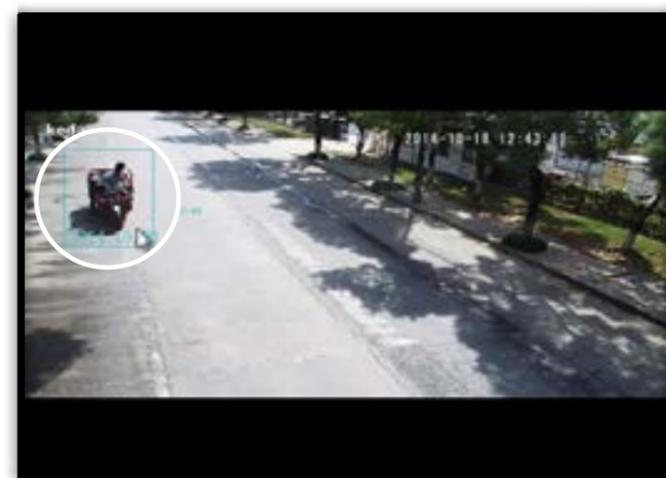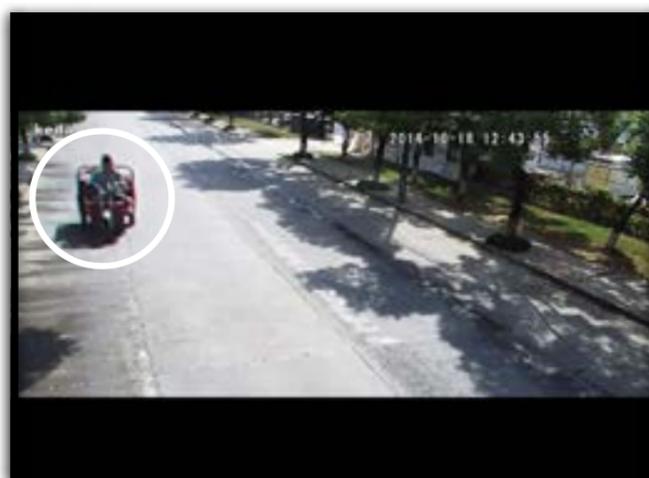
Please see the video synopsis demonstration here:
https://www.youtube.com/watch?v=SaXZk7WSWhk

KEDACOM

Superior Video Synopsis
The *FIRST* ONVIF-compliant NVR in the world with video synopsis functionality.

Value
- Integrate all ONVIF cameras
- Lifetime support from KEDACOM

Modular Architecture
- Quickly and easily configure hardware; increase uptime

Multi-functional
- 5 preset RAID modes
- IP SAN (iSCSI), up to 100TB

Convenience
- Easy installation
- Local or remote management

KEDACOM

Brief Technical Specifications

KEDACOM NVR2881-i is an intelligent NVR with abundant features.

- Support for 1080p, 720p, D1 resolutions
- 16 x 1080P video decoding capability
- Raid 0/1/5/6/10
- CMS support 6 screens simultaneously
  (4 x Live viewing, 1 x Playback, 1 x EMAP)
- Modular Architecture

Please see detailed specifications for **NVR2881-i** here:
http://www.kedacom.com/en/nvr/20130321/4217.html#.Vzrkh2MSvn0

KEDACOM

Application Scenarios

KEDACOM NVR2881-i can be easily deployed to operate at strategic locations.

Key Roads	Public Courtyard	Entrance/ Exit

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