DG-Decode

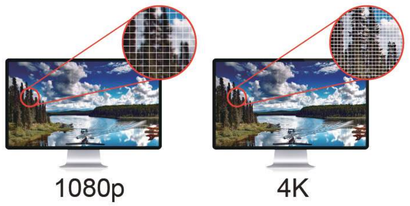
Powered by Intel GPU technology, DIGIEVER develops an advanced H.265 and H.264 hardware accelerated video decoding technology, named DG-Decode, to provide an ideal surveillance solution for real-time monitoring and video playback. DG-Decode is applied on DIGIEVER product line with liveview and playback functions, including DIGIEVER NVR, DIGIEVER CMS, Failover Server, Backup Server, Video Wall Station, Streaming Server, etc.

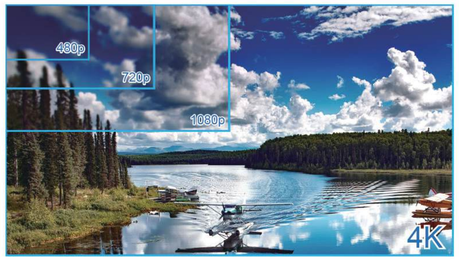
Real-world Video Clarity

View More Details to Monitor Wizxder Area

DG-Decode helps you to experience real-world video clarity by decoding up to 4K UHD resolution with no distortion that delivers clear images and outstanding color.

- Beautifully convert the compressed digital videos from H.265, H.264 video format
- Perform accurate detail to zoom
- Better identification of suspects and criminals
- Reduce the number of cameras to cover an area
- Decrease operational costs



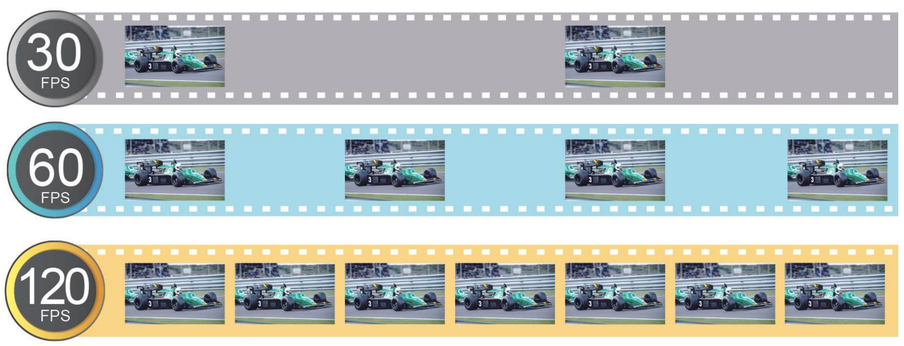


Remarkable Display Ability

Capture Each Moment for Identification

DG-Decode can decode up to 120 FPS video captured by cameras allowing you to easily identify rapid and continuous moving objects for applications like casino, airport, city surveillance and traffic monitoring.

- Accurately decode each frame of video to check speedy object and movement
  Eg. Vehicle's number plates, denomination of currency
- Fluent video playback for fast-moving objects by frame by frame playback
  Eg. Image of individual's face, any slight of hand actions



DECODE

DIGIEVER Hardware Decode Technology for H.265 and H.264 Camera Solution

64CH

The World's 1st 64ch Real-time Local Display

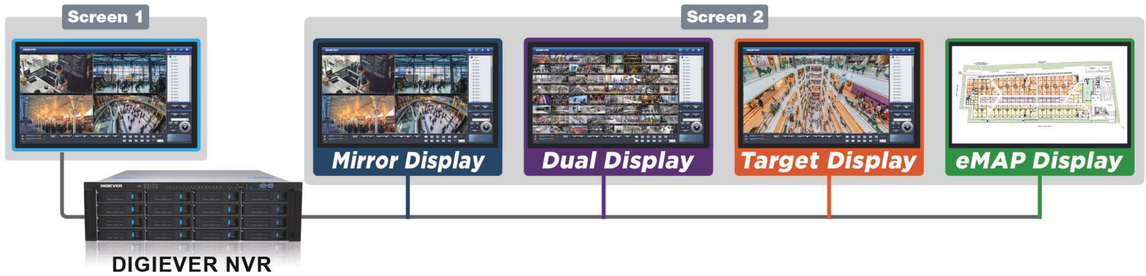
Linux

64ch Real-time Local Display

Real-time Monitoring to Detect and Response Threats

DG-Decode, implanted in Linux-embedded DIGIEVER systems, gives you a clear overview of all videos on a single page. Via HDMI connecter, you can have up to 64 channels real-time video monitoring to monitor your region.

- Cost-effective Linux-embedded PC-less solution
- Simultaneously display real-time streaming from 64 cameras
- Continuously keep your eyes on your areas to detect and respond to threats
- Reduce the potential losses caused from the interval of sequential monitoring



Smooth Remote Monitoring

Smoothly Remote Monitoring Anytime, Anywhere

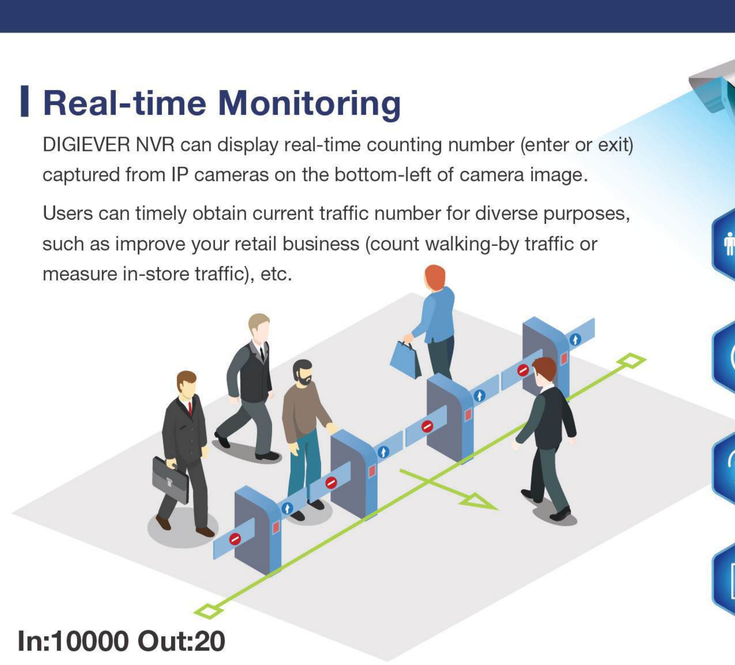
People Counting Solution with DIGIEVER NVR

Reliable and cost-efficient Linux-embedded IP video solution to optimize business and improve operation management

Real-time Monitoring

DIGIEVER NVR can display real-time counting number (enter or exit) captured from IP cameras on the bottom-left of camera image.

Users can timely obtain current traffic number for diverse purposes, such as improve your retail business (count walking-by traffic or measure in-store traffic), etc.

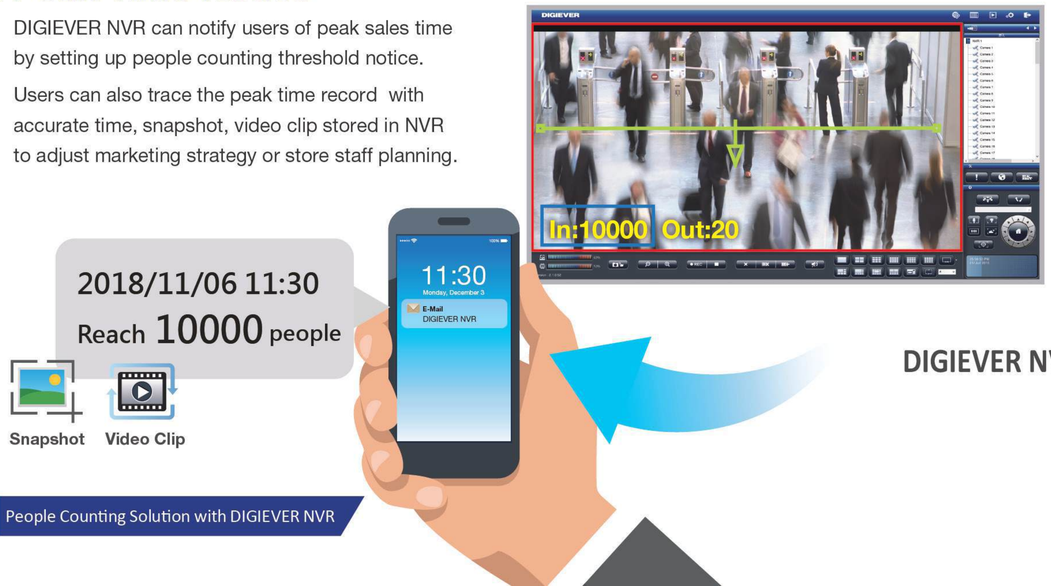


- **Real-time Traffic Number while Monitoring** (In:52)
- **User-defined Interval to Collect Traffic Data**
- **Peak Time Notice**
- **Smart Data Analysis**

Peak Time Notice

DIGIEVER NVR can notify users of peak sales time by setting up people counting threshold notice.

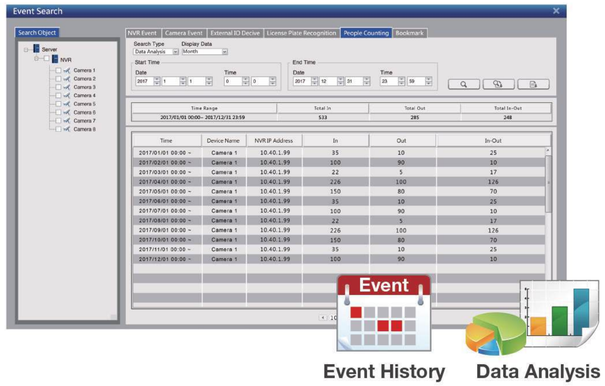
Users can also trace the peak time record with accurate time, snapshot, video clip stored in NVR to adjust marketing strategy or store staff planning.



Smart Data Analysis

DIGIEVER NVR features data search allowing users to retrieve event history or to use data analysis for the entrance (one camera) or whole area (total cameras).

Users can export all data stored in DIGIEVER, including original data, analysis data and event data with snapshot or video clip.



Popular Applications

DIGIEVER NVR provides a smart people counting platform solution with four main benefits that can satisfy different vertical markets and needs:

Benefit1: Maximize revenue and ensure safety

Benefit2: Easily build up database

Benefit3: Improve sales performance and operation management

Benefit4: Make data more valuable for different purposes

Parking Lot

Shopping Mall

Exhibition Mall

Restaurant

Mobile Vehicle

NVR AI Solution: AI Search on Playback (Metadata & AI-event)

An efficient and comprehensive AI video search solution with robust event notifications, saving time and labor costs.

Efficiently gathers metadata from Integrated AI cameras

- **4 Key Attributes**

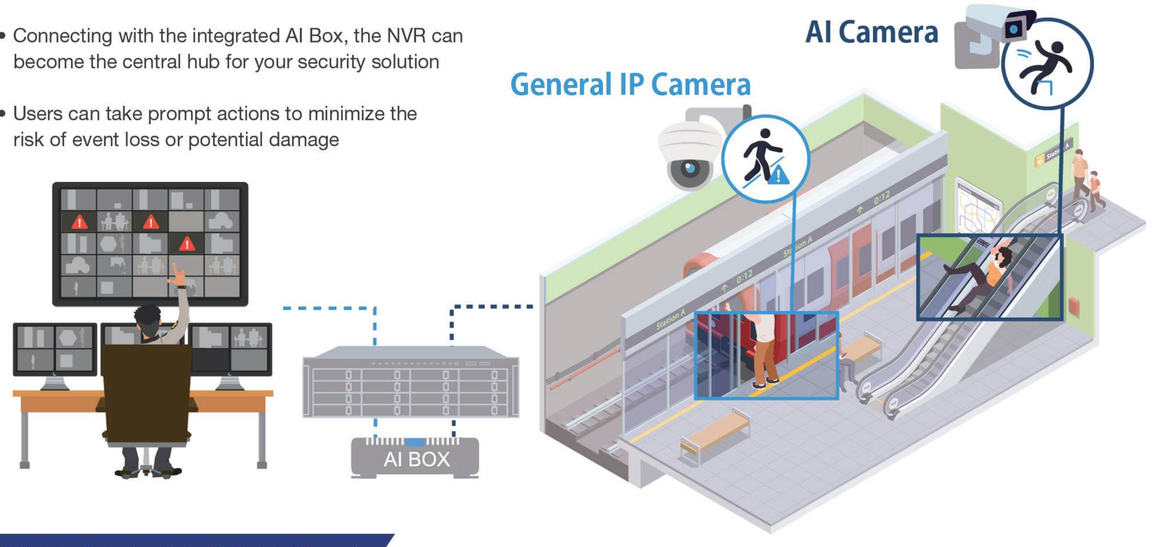
1. People: Top, bottom, cap, bag
2. Vehicle: Car, truck, bus, motorcycle, bike, train
3. Face: Gender, age, mask, headwear, glasses
4. Event: Versatile event options

- **Various Criteria**

1. Color
2.Top/Bottom: Short, middle, long
3. Gender: Male, female
4.Age: Young, adult, middle, senior

Real-time Event Notification:

- Connecting with the integrated AI Box, the NVR can become the central hub for your security solution
- Users can take prompt actions to minimize the risk of event loss or potential damage



Benefits of AI Search

Swift Search & Time-saving

- Swiftly find key objects based on various attributes & criteria

Smooth Search Flow

- User-friendly icon and text tip designs
- Streamline search process with no learning curve

Extensive Integration Capability

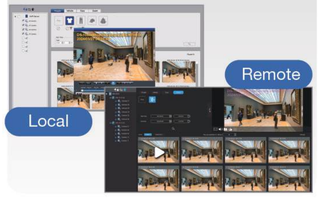
- Seamlessly integrates with leading AI camera brands such as AXIS, Hanwha, and VIVOTEK, with ongoing integration support for other brands and models.

Speedy Results Listing

- Efficiently list results from vast metadata
- Display tooltips of metadata information for each result
- Smart sorting by time & name

One-click Playback

- Intuitive playback UI design
- Effortless operations with a simple click



Flexible Pre-event Time Setup

- Effectively track events
- Customizable pre-event and post-event viewing times (3~100 seconds)

Automatic Number Plate Recognition Solution(ANPR/LPR)

Reliable and cost-efficient Linux-embedded IP video solution
to maximize revenue and ensure safety

Feature Highlights

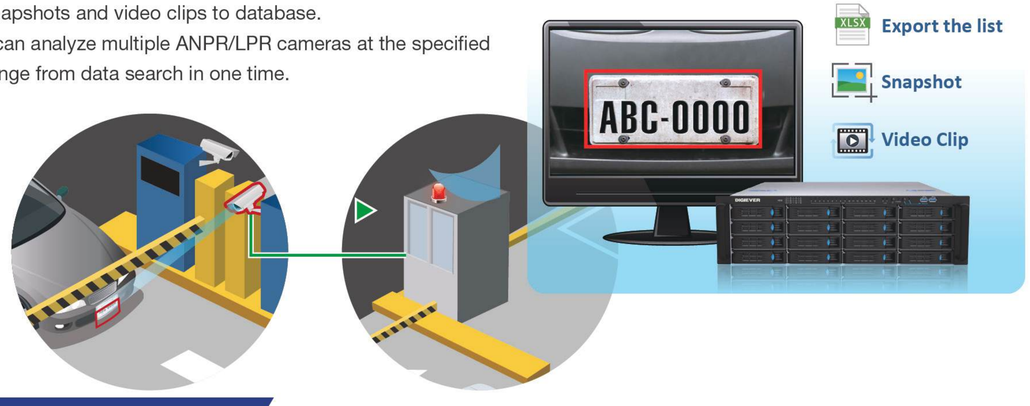
- Simple setup for 24/7 real-time monitoring & detection
- Self-defined detection area
- Instant snapshots & video recording
- Intelligent data search
- Exporting video clips, snapshots & list from search result
- Fuzzy search for incompleted vehicle number
- High compatibility with diverse cameras & brands
- Dedicated ANPR/LPR channel via license purchase
- Support DS-2200 UHD+ series & DS-4200 UHD+ series

24/7 Real-time Monitoring & Detection

DIGIEVER NVR ANPR/LPR solution provides 24/7 real-time monitoring for traffic management and smartly detect car plate number from fast moving vehicles.

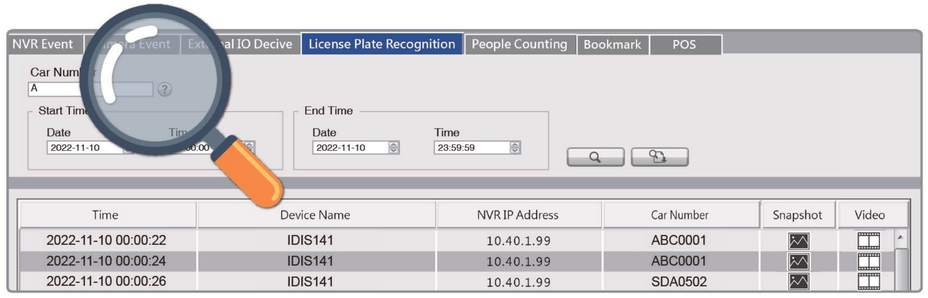
Smart Analysis

When the car number plate is identified, the system will take snapshots and video clips to database.
Users can analyze multiple ANPR/LPR cameras at the specified time range from data search in one time.



Fuzzy Search for Car Plate Recognition

For vehicle tracking purpose. DIGIEVER NVR features data search allowing users to enter license plate number to quickly find its record, snapshot and video clips. Users can input any related digit for fuzzy search if partial car number is unknown.



Benefits of DIGIEVER ANPR Solution

DIGIEVER ANPR/LPR solution is an ideal and smart solution for retail parks, supermarkets, private car parks and office access control as well as crime analysis for police application. It can brings 5 benefits as follows:

1. To capture high-speed images that provides greater security and accuracy than manual checks.
2. To reduce human errors through powerful data search function.
3. To provides the valuable information from historical data for future analysis or investigations.
4. To easily adopt any compatible camera from diverse brands (w/o LPR solution) for flexible integration.
5. To save personnel budget from eliminating a dedicated person on access control.

Greater Security and Accuracy
Fewer Human Errors
Data Analysis
High Compatibility
Cost Efficient