CoreNVR 16

Network Video Recorder

- Support up to 5M resolution
- Up to 4MP Resolution for storage and Monitoring
- H.264 Video Codec
- High Resolution Local Display
- Auto Search and Insert AirLive IP Cameras
- Up to 6TB x two internal SATAIII HDD plus e-SATA for storage
- RAID 0, 1, 3, 5, 10 supported
- Two-Way Audio
- USB port for both mouse and joystick control panel
- Event Alarm from Motion Detection, DI/DO, HDD Error
- Remote Viewing on IE and CamPro Mobile Software on iOS / Android
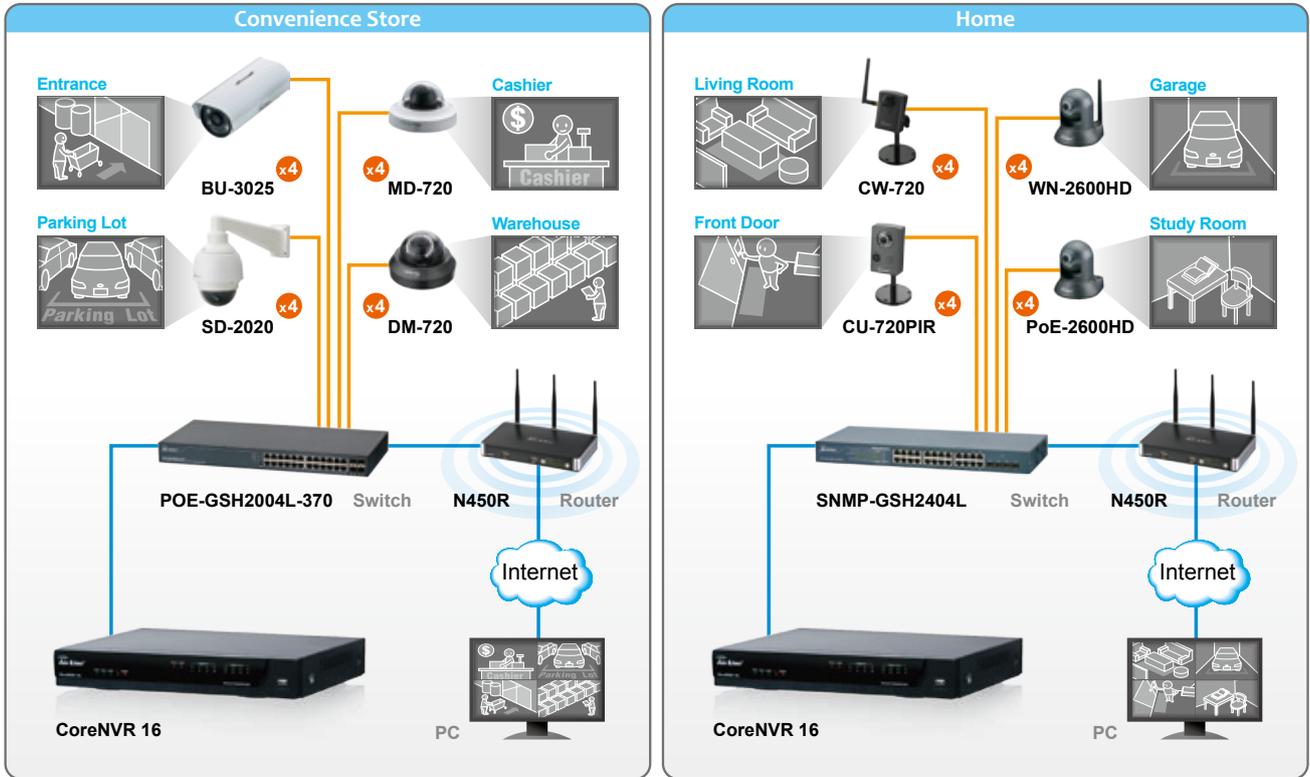- ONVIF compliance

AirLive CoreNVR series is a new generation Network Video Recorder for home, retailer stores and small office applications. It supports up to 4 Megapixel resolution for IP cameras with H.264 video codec for high quality, real-time monitoring, recording and playback. It also supports High Resolution Local Display to provide you high resolution video quality on any HD monitor. You can easily setup the system by a few clicking on the build-in web pages of CoreNVR series with AirLive IP cameras for searching, configuring and notifications from multiple different alarm triggered. Furthermore, with two internal 6TB SATAIII HDD and eSATA interface, it provides you more storage capacity and keeps the video files in the CoreNVR system for longer period.

| H.264 | Multi-Channel | Pan-Tilt Control | SATAIII | Gigabit Ethernet | Motion Detection | e-SATA | 4M Resolution |

Recording live monitoring and playback without additional PC

AirLive CoreNVR is a plug-and-play appliance and it utilizes the embedded Linux technology, which provides you easy setup and easy to manage the system with user friendly web-based GUI interface. For the connection, you may connect all AirLive IP cameras and CoreNVR system via AirLive POE switch as picture shown below. With AirLive POE switches and IP cameras, CoreNVR series will be your most reliable guard for securing your family and property.

Convenience Store

Entrance
BU-3025 x4

Cashier
MD-720 x4

Parking Lot
SD-2020 x4

Warehouse
DM-720 x4

POE-GSH2004L-370   Switch   N450R   Router

Internet

CoreNVR 16   PC

Home

Living Room
CW-720 x4

Garage
WN-2600HD x4

Front Door
CU-720PIR x4

Study Room
PoE-2600HD x4

SNMP-GSH2404L   Switch   N450R   Router

Internet

CoreNVR 16   PC

Different display type on live Monitoring

Normal, simple, professional, advance

Fully Control on your IP-Base Cameras on IE and Mobile app software

You may search and install AirLive IP cameras from IE interface with fully functional control which gives you more convenient and effeciency. AirLive CoreNVR also supports CamPro Mobile software for iOS and Android mobile systems, so you may connect to the CoreNVR at anytime as you need when you have smooth internet/WiFI connnections.
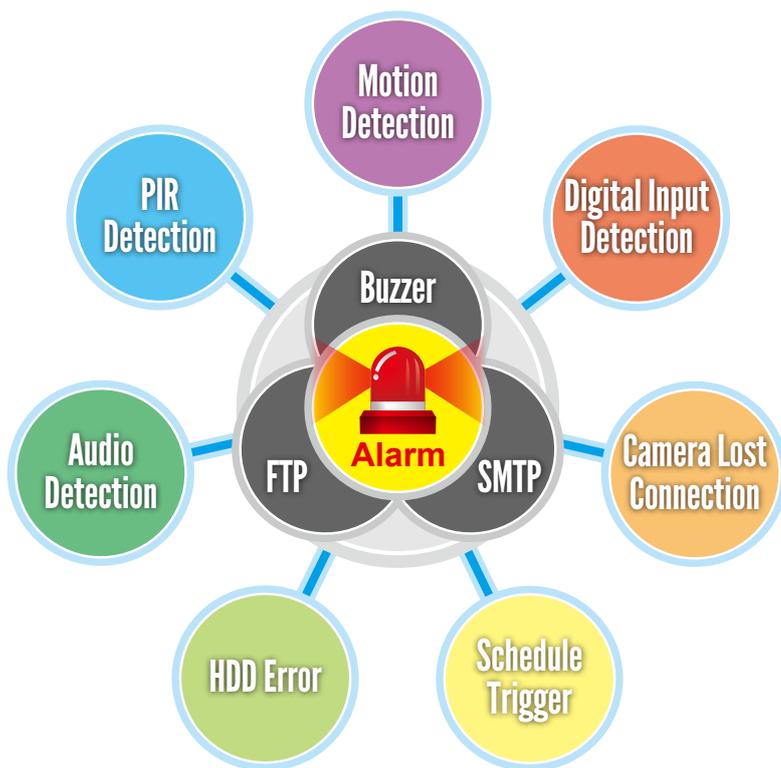
CamPro Mobile

Live viewing on
iOS and Android Mobile Devices

Multiple event detection and alarms to enhance security for your property

AirLive CoreNVR supports multiple event detection from motion, digital input detection, camera disconnect, HDD malfunction and schedule event trigger, all of them are able to send alarm through OSD display, digital output, Buzzer, trigger recording, e-mail, FTP, HTTP and TCP servers. Those alarm notifications provides you extra protection when such event occurs so you won't miss any critical information.

Motion Detection

PIR Detection

Digital Input Detection

Buzzer

Alarm

FTP

SMTP

Audio Detection

Camera Lost Connection

HDD Error

Schedule Trigger

Joystick, Mouse controlling interface for PTZ Cameras

AirLive CoreNVR is able to control IP camera PTZ functions by both mouse and USB interfaced joystick for fully control. Then joystick has 12 programmable buttons which allows you to re-define the configuration on the CoreNVR system.
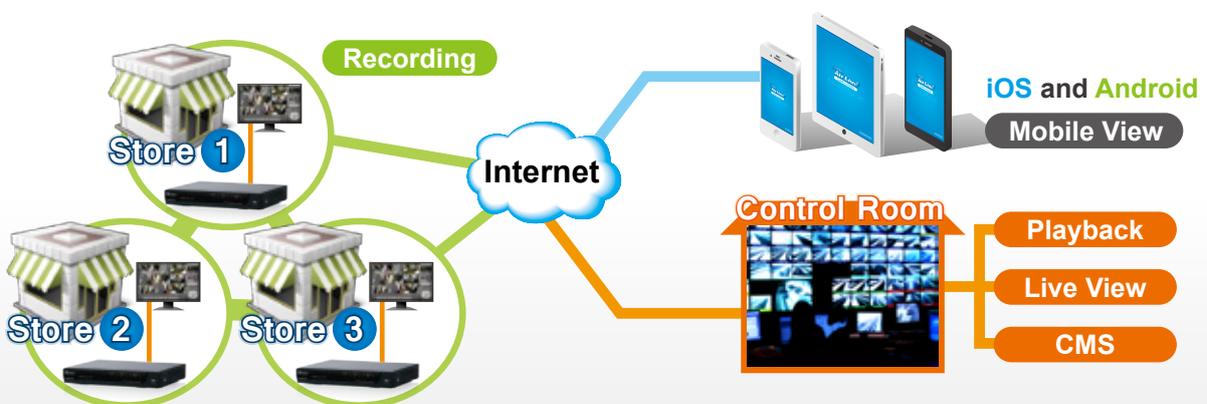
SD-2020

Monitor

CoreNVR 16

ACC-Joystick-NVR

CMS for AirLive CoreNVR

The CMS for AirLive CoreNVR is a software to manage CoreNVR systems, it can be used as a control room to manage up to 256 channels, with low bitrate transmission and unlimited group management, the CMS is able to view maximum 64 channels at a page and you may switch between groups to see up to 256 channels live view or maximum 16 channels playback at a page. The CMS for AirLive CoreNVR is good for franchise stores via internet or large installations under LAN area, or any environment where needs control center to monitor for multiple AirLive CoreNVRs.
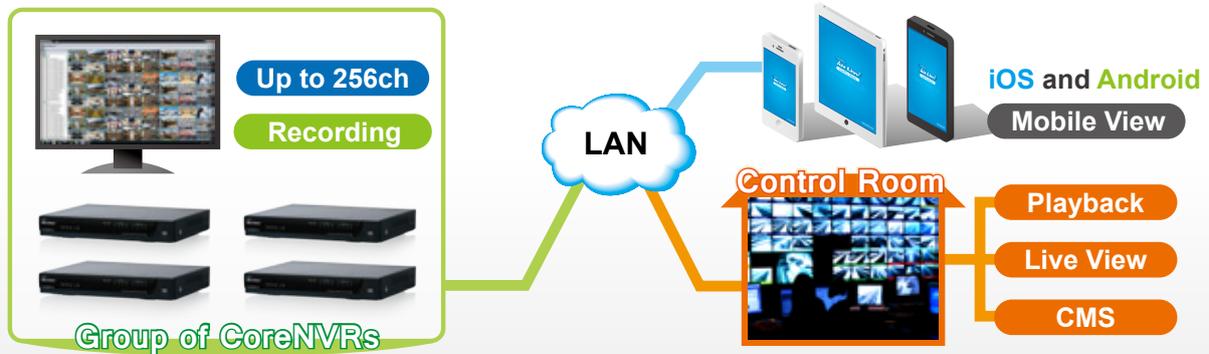
For Franchise Store

Recording

Store 1

Store 2

Store 3

Internet

iOS and Android

Mobile View

Control Room

Playback

Live View

CMS

www.airlive.com

For Large Installation

Up to 256ch

Recording

Group of CoreNVRs

LAN

iOS and Android

Mobile View

Control Room

Playback

Live View

CMS

Specifications

Hardware

Chipset
- ARM Cortex A9

LAN Port
- Giga RJ-45 Ethernet Port x 1

Video Output
- Local Display x 2

Audio Input
- MIC x 1 (phone jack 3.5mm)

Audio Output
- Phone Jack 3.5mm x 1

HDD
- SATAlll HDD up to 6TB x 2

e-SATA
- e-SATA Port x1

Backup
- USB Mass Storage

LED Indicator
- PWR x 1, HDD x 1, LAN x 1, REC x 1, Event x 1,
  Alarm x 1, CAM x 1, DI x 4, DO x 4

USB
- Mouse x 1 / Backup x 1

Sensor In / Alarm Out
- Digital Input x 4 / Digital Output x 4

Button
- Factory Default Reset x 1

Buzzer
- Buzzer x 1

Software

Video Codec
H.264

Audio Codec
G.711 / G.726

Video Resolution
QVGA / VGA / SXGA / Full HD / 3M /

Throughput
- 80Mbps

System Setting
- Resolution selectable, 1024x768 / 1280x1024 /
  1366x768 / 1440x900 / 1920x1080

- Display style selectable. Normal / Simple / Professional / Advance
- Reset Default
- Backup / Restore
- Firmware Upgrade
- System Restart

Live View
- 1 / 4 / 9 / 16 Division / Full Screen
- Snapshot
- Selectable display cameras
- Two-way audio

PTZ
- Support PTZ cameras
- Preset / Tour / Auto pan / Iris / Focus / Speed
- Able to control by Joystick

Record
- Schedule / RTC / Motion Detection / DI Detection / Event Trigger
- Pre-alarm / Post alarm configuration
- Auto recycle
- Save to internal HDD, eSATA or USB drive

Playback
- 1 / 4 / 9 / 16 Division / Full Screen
- Play / Reverse / Pause / Seek / Pre
- I frame / Next Frame
- Speeds: 1/4 , 1/2 , 1 , 2 , 4 , 8 , 16 , 32
- Convert to AVI
- Multi-Cameras Backup

Motion Detection
- Up to 10 regions
- Adjustable Object Size and Sensitivity

Event Type
- Motion Detection
- Digital Input
- Audio Detection
- Camera Disconnection
- Schedule Trigger
- HDD Error

Alarm
- Buzzer / DO / Display on Screen / Record / Snapshot / E-Mail / TCP / HTTP / FTP

Notification
- SMTP / HTTP / FTP / TCP

Schedule Setting
- RTC / Motion Detection / DI Detection / Event Detection

Network
- Fix IP / DHCP / PPPOE / DIPS Report / UPNP transversal

Snapshot
- Preview snapshot in HDD or removable device
- Search event snapshot
- Backup to USB device

Disk Management
- Partition management
- Format partition
- Samba management
- USB removable device
- Support RAID storage

Languages
- English / Traditional Chinese / German / Greece / Korea / Russia / Spain / Portugal / Polish / Czech

Remote Program
- Fully function remote live view and playback
- Support low bit-rate connection
- Selectable Camera Connection
- IE 7 or above
- iOS and Android mobile devices

General
Power
- AC100-240V/in, DC12V(4A)

Temperature
- Operating: 0°C ~ 40°C

Humidity
- Operating: 10%~80%

Dimension
- 33.3 x 5.7 x 25.2 cm

Certificate
- CE, FCC

Ordering Information:

AirLive CoreNVR 16   Network Video Recorder

www.airlive.com