





# Key Features

## Reliability

- Embedded O.S. avoids system crash and virus problems.
- Built-in H/W and S/W Watchdog timer, the system auto recover when failed, also supports NVR health detection.
- Support S.M.A.R.T. function to predict HDD failure and send to the user a warning message via email or SMS.
- The system auto executes the last setting parameters when the power failed after it is restored.
- Support Fail-over auto backup solution by Mirror Server.

## Display

- Simultaneous display 128-Ch split video on a screen and 3 screens up to 4K resolution TV wall function.
- User define auto scan split display modes (1/4/8/9/10/12/13/16/25/32/36/64) and each mode rotation period.
- Assign the display on the specified Monitor, such as playback, eMap, live video, and duplicate video.
- Duplicate video for specified cameras and assign them to display on spot monitor.
- Display Text, time stamp, FPS/bps, resoulution, hide video, event, video loss, eMap, ePTZ, HDD and record stsatus message.
- Swap Live video display position by user define.
- Support GPU decoder and dual stream display, allow reducing the CPU load as well as keep live video display quality.

## Recording

- H.265+, H.265, H.264, MPEG 4 and M-JPEG video decoder, simultaneous 128-Ch video and 128-Ch audio recording.
- Pop up message when the SD card of IP camera is broken automatically.
- Auto downloads the SD card video files and merge it into the database.
- Alarm & IVA Trigger/ Motion Detection/ Smart/ Audio Detection/ Continuous/ Schedule/ one-touch recording modes.
- Pre (60sec)/post (999sec) motion recording and adjustable recording quality, bit rate and frame rate for each camera.
- 24 Hot-Swap HDDs; maximum storage capacity up to 240Terabytes and 8087 x 2 ports for extent 8 external HDDs storage.
- 2-Way audio function for audio recording/listing and brocading.
- Recording AVI file to playback Media Player directly.
- Hybrid recording mode can keep 24 hours recording besides save 75% HDD space.

## Playback & Backup

- Search playback by timeline, camera, event and schedule, as well as display the first image of the selected time.
- Simultaneous playback 16 video clips with forwarding/ backward, fast(1-60x)/ slow(1-1/32x)/ frame-by-frame playback, digital zoom, export bmp/jpeg/png/pdf format snapshot file.
- Export AVI files and play them with Windows Media Player directly without the converter process.
- Add bookmark for time merge from different video clips and allow editing an index on the beginning and end of video clips.
- Search the specific regions of clips that video is retrieved and show exactly when the object appeared/disappeared.
- Auto schedule/Manual back up onto storage devices (Such as JOBD, NAS, SAS, DVD+-RW, etc.)
- Provide Watermarks to prevent tampering when exporting the video files, and provide verification software for certification.

## Security

- Password Expiration Management.
- System Idle Protection.
- Multi privilege levels protection
- Record all operations on the view log files.
- Limited connection time period / user number / Bandwidth
- IP Address filter for remote access.

## Alarm Notifications

- Play warning sound, Call out via voice modem, Turn relay on, Send TV-out signals, Pop-up video, Flash e-Map icon, Send SMS/MMS/e-Mail, Upload clips to FTP server, Push alarm, enable e-rd party program, send event and live video to Central Management Systemand Broadcasting to camera site directly (Optional).
- The pop-up event message will disappear after the display time is exceeded setting value.
- Search event logs via by time, date, camera, location, and event types, click the logs to playback event video.
- Trigger alarms include video loss, HDD failed, alarm triggers, IVA\* trigger, Network failed, motion detection, face recogni-tion\*, remote access, log in/out, UPS trigger, and access control.
- Selectable Split /Full page video of the pop up video when cameras are triggered.
- Report Generator with txt and xls format.

## Intelligent Video Analytics\* (IVA)

- IVA function including, Object/People Counting, Intrusion Alarm, Unattended and Missing Object Detection, Audio Detection

Scene Change Detection, Loitering Detection, Video Enhance Quality, Panorama View\*

## eMap

- Hierarchy E-map structure supports JPG or BMP format up to 16 layers eMap.
- An e-map is a graphical overview of a site, indicating camera types, viewing direction and devices (such as sensors, replay, speaker, access control) locations.
- Indicate the device status, as well as display live video and remote playback video of the camera, remote control alarm I/O by click on the icon in eMap.

## Others

- Support iOS and Andrioid App for Mobilephone remote access.
- Integrate multi-brands ONVIF and RTSP protocols IP cameras, as well as supports UPnP, IP broadcast, auto scan IP address and auto-configuration into the NVR system.
- Integrate 180° and 360° fisheye image correction function for live display and playback. 360° fisheye modes including:
- Auto cruise PTZ, Panorama + 2 PTZ sprites, Panorama + 4 PTZ sprites, 360° Panoramic. UPS power detection. 180°
- Panoramic modes including: 180° + 2 PTZ sprites, 180° + 3 PTZ sprites, Original image + 3PTZ sprites, 4 PTZ sprites.
- Integrated i-View Face recognition camera with the Blacklist and Whitelist database. Auto record the location, time, snap-shot on the view logs.
- Allow to build up the NVR as an NTP server for time synchronization with the IP cameras.
- Export/Import NVR configuration.

# Specifications

ITEM\MODEL	ANYNET6408	ANYNET-6416	ANYNET-9624	ANYNET-12824
Operation System	Embedded O.S.			
IP Camera	64 IP Cameras	64 IP Cameras	96 IP Cameras	128 IP Cameras
Codec	H.265+ H.265, H.264, MPEG 4, M-JPEG			
Resolution	Support QCIF~20MP @ 30fps resolution video encoding and dual stream video display			
Dual Network	10 / 100 / 1000 Mbps Ethernet ; Support Daul Gigabytes RJ45 LAN Card			
Monitor Port	3 monitors; Support HDMI, DVI and VGA Port up to 4k (4096 x 2160) resolution			
Recording Speed	Storgae speeds up to 800M/s; 4K @ 640fps, 5MP @1440fps; 3MP @2400fps; 2MP @3600fps			
HDD Bay	8 Bays up to 80TB	16 Bays up to 160B	24 Bays up to 2400TB	24 Bays up to 240TB
Raid Support	Built-in Hardware Raid card support Raid 0/1/5/6/10,Hot Spare mode with SATA /SAS HDD			
DVD+-RW	Yes	Yes	No	No
Back Up	Auto schedule / Manual back up DVD+RW / DVD-R / DVD-RW / CD-R / CD-RW / NAS, Disk Array			
Support IP Cameras	Onvif and RTSP compliant IP video devices			
Protocol	HTTP, HTTPS, TCP, UDP, SMTP, UPnP, DDNS, RTSP, ONVIF, 3GPP			
2-Way Audio	Yes, support 2-way audio, audio recording, listen, remote listening, remote broadcasting			
Watchdog Timer	Yes, support Hardware and software watchdog timer			
Time Stamp	Yes, support time stamp and text overlay display.			
Auto Recovery	Auto reboot when power comes up			
Power Supply	AC100~240V 50/60 Hz, 500W (8 Bay) / 700W (16 Bay)/ 1000W (24 Bay). Redundancy Power Supply (Optional)			
Expansion	Joystick: FSKY-200USB for IP PTZ camera control. (Optional)			
Rack Mount	Support 19" Rack Mount Cabinet			
Operating	° 0 ~ 50 °C (32 ~ 104 °F); 0~90% RH (non-coñdensing)			
Dimension	660x 428 x 88 mm	660 x 428 x 133 mm	660 x 428 x178 mm	660 x 428 x 178 mm
Weight	16 KG	22 KG	32 KG	32 KG