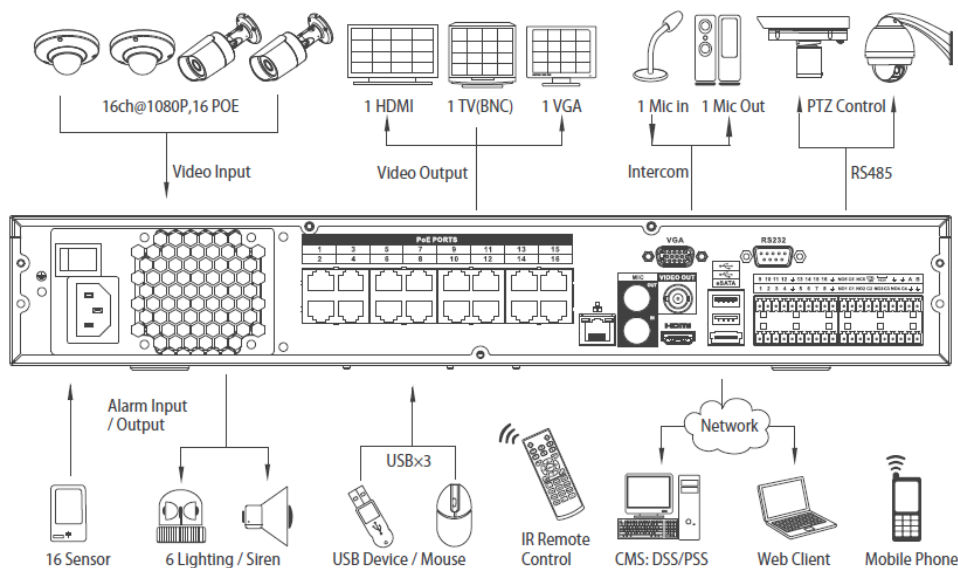




- Up to 16 channel IP camera input
- H.264/MJPEG dual codec decoding
- Up to 5MP resolution
- Max 160Mbps incoming bandwidth
- HDMI/VGA/TV simultaneous video output
- 16 channel synchronous realtime preview, GRID interface
- ONVIF Version 2.3 conformance
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Support IPC UPnP, 16 PoE ports
- Supports Multi-brand network cameras: AliusVision, AXIS, Brickcom, Canon, Panasonic, Samsung, Sony and many more.

System Connection



Specifications

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Input	16 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC
Display	
Interface	1 HDMI, 1 VGA, 1TV
Resolution	1920× 1080, 1280× 1024, 1280× 720, 1024× 768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264 / MJPEG
Resolution	5Mp(2560× 1920)/3Mp(2048× 1536)/1080P(1920× 1080)/720P(1280× 720)/D1(704× 576/704× 480) & etc.
Record Rate	Max 128Mbps (eg. 16ch 5Mp@8Mbps, 16ch 1080P@8Mbps & etc.)
Bit Rate	48~8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22× 18), Video Loss & Camera Blank
Alarm Input	16 channel
Relay Output	6 channel

Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
Network	
Ethernet	1 RJ-45 port (10/100/1000Mbps)
PoE	16 ports (IEEE802.3af)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Alius IP camera, DVR, NVS and etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	4 SATA ports (4HDDs or 3HDDs+1CD/DVD-RW), up to 16TB
External HDD	1 eSATA port
Auxiliary Interface	
USB	3 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100V~240V, 50/60 Hz
Power Consumption	NVR: 40W (without HDD), PoE: Max 15W (each)
Working Environment	-10°C~+55°C/1090%~90%RH/86~106kpa
Dimension	1.5U, W440mm× D410mm× H70mm, 5kg (with out HDD)

(*) Design and specifications are subject to change for product improvements without prior notice.