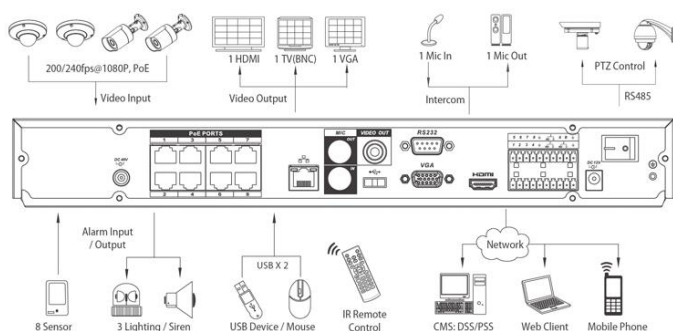




FEATURES

- 16 channel with 1080p realtime live view
- H.264/MJPEG dual codec decoding
- Up to 5Mp resolution
- Max 240fps@1080p, 480fps@720p, 960ps@D1 preview & recording
- HDMI / VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech and etc.
- ONVIF Version 2.0 conformance
- 3D intelligent positioning with Dahua PTZ camera
- 8 PoE ports, Plug&Play
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

DIMENTION



SPECIFICATION

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
Input	16 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC
Display	
Interface	1 HDMI, 1 VGA, 1 TV
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	
Video/Audio Compression	H.264/MJPEG
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/ 1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480)
Record Rate	Max 240fps@1080p, 480fps@720p, 960ps@D1
Bit Rate	48~8192Kb/s
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, Spot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	8 channel
Alarm Output	3 channel
Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	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/Network/Internal SATA Device
Network	
Ethernet	1 RJ-45 port (10/100M/1000M)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	2 SATA ports, up to 8TB
Auxiliary Interface	
USB Interface	2 ports (1 Rear USB3.0, 1 Front USB2.0)
RS232	1 port, For PC communication & Keyboard
RS485	1 port For PTZ control
General	
Power Supply	NVR: DC12V PoE Switch: DC48V
Power Consumption	60W (without HDD) PoE: Max.1.5W (each)
Working Environment	-10°C ~+55°C / 10%~90%RH / 86~106kpa
Dimension(W× D× H)	1U, 375mm×285mm×50mm
Weight	2.3KG(without HDD)

