



FEATURES

- Up to 16 channel IP camera input
- H.265/H.264 codec decoding
- Max 200Mbps incoming bandwidth
- Up to 8MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- Support IPC UPnP, 16PoE ports
- Support ANR technology to enhance the storage reliability when the network break down
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 2 SATA III Port, Up to 6 TB capacity for each HDD, 2 USB(1 USB3.0)
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

DIMENTION



CERTIFICATIONS

CE EN55032, EN55024, EN50130-4, EN60950-1

FCC Part 15 Subpart B, ANSI C63.4-2014

UL UL60950-1+CAN/CSA C22.2 No.60950-1

SPECIFICATION

System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
Input	16 channel
Two-way Talk	1 channel Input, 1 channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 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.265/H.264
Resolution	8MP(3840×2160)5Mp(2560×1920)/3Mp(2048×1536)/ 1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
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	4 Channel, Low Level Effective, Green Terminal Interface
Relay Output	2 Channel, NO/NC Programmable, Green Terminal Interface
Playback & Backup	
Sync Playback	1/4/8/16
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
Network	
Interface	1 RJ-45 Port (10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	16 ports (IEEE802.3at/af)
Network Functions	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformance
Storage	
Internal HDD	2 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB Interface	2 USB Ports (1 USB2.0, 1 USB3.0)
RS232	N/A
RS485	N/A
General	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR : <13.5W (without HDD) PoE: Max.25.5W for single port,130w in total
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Dimension(W× D× H)	1U, 375mm×327.5mm×53mm (14.8" x 12.9" x 2.1")
Net Weight	2.7kg (6.0 lb) (without HDD)
Gross Weight	4.4kg(9.7lb)(without HDD)

