



FEATURES

- H.265/H.264/MJPEG/MPEG4 codec decoding
- Max 320Mbps incoming bandwidth
- Up to 12Mp resolution preview&playback
- 2HDMI/VGA simultaneous video output
- 3D intelligent positioning with Dahua PTZ cameraSupport P2P,DDNS,OnVif
- Multiplenetwork monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)
- Support RAID 0/1/5/6/10

SPECIFICATION

System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Video and Audio	
IP Camera Input	16channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	
Interface	2 HDMI (1 HDMI up to 3840x2160, Different Source), 1 VGA
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video Audio Compression	H.265/H.264/MJPEG/MPEG4
Record Resolution	12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.
Record Rate	320Mbps
Bit Rate	16kpbs~20Mbps for per channel
Recording Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Recording Interval	1~60 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
Motion Detection	Motion Detection, MD Zones: 396(22x 18), Video Loss and Tampering
Alarm Input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	6 Channel, NO/NC Programmable, Green Terminal Interface
Tracking Trigger Event	N/A
Playback & Backup	
Syne Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
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 burner/eSATA Device
Network	
Interface	2RJ-45 port (10/100/1000M)
Ethernet Port	2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server,P2P, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant
Storage	
Internal HDD	8 SATA Port, up to 8TB capacity
HDD Mode	Single, Raid 0/1/5/6/10(Enterprise-level HDDs are recommended)
eSATA	1 eSATA Port
Auxiliary Interface	
Front Cover	N/A
USB	4 ports (2 Rear USB3.0,2 Front USB2.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 port, For PTZ Control
Electrical	
Power Supply	Single, AC 100~240V, 50/60 Hz
Power Consumption	<16.7W (Without HDD)
Environmental	
Power Supply	-10°C~+55°C (+14°F ~ +131°F), 86 ~ 106kpa
Power Consumption	0°C~+50°C (+32°F ~ +122°F), 0 ~ 90% RH
Construction	
Dimensions	2U, 440mmx450.1mmx95mm (17.3" x 17.7" x 3.7")
Net Weight	6.55kg (14.4 lb) (without HDD)
Gross Weight	9.5kg(20.94 lb)(without HDD)

