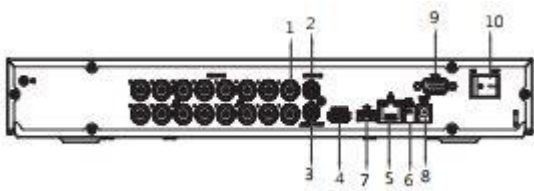




## FEATURES

- Support HDCVI/AHD/TVI/CVBS/IP video inputs
- All channel 1080P Recording non-Realtime
- Embedded processor
- H.264+, H.264 video compression
- Max 24 channels IP camera inputs, each channel up to 5MP; Max 96Mbps Incoming Bandwidth
- Long transmission distance over coax cable
- Support P2P, DDNS, OnVif
- Support 2 SATA HDD, up to 8TB capacity for each
- Smart Search and Intelligent Video System
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

## DIMENSION



## SPECIFICATION

<b>System</b>		
Main Processor	Embedded processor	
Operating System	Embedded LINUX	
<b>Video and Audio</b>		
HDCVI Camera Input	16 channel ,4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps	
IP Camera Input	16+8: each channel up to 5MP	
Audio Input / Output	1 / 1channel	
Two-way Talk	Reuse audio input/out, RCA	
<b>Display</b>		
Interface	1 HDMI, 1 VGA	
Resolution	1920× 1080, 1280× 1024, 1280× 720, 1024× 768	
Display Split	1/4/8/9/16/25	
Privacy Masking	4 rectangular zones (each camera)	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
<b>Recording</b>		
Video Audio Compression	H.264+, H.264	
Record Resolution	4M-N,1080P,1080N,720P,960H,D1,HD1,BCIF,CIF,QCIF	
Record Rate	Main stream	16CH: 4M-N/1080P(1~15fps); 1080N/720P/960H/ D1/HD1/BCIF/CIF/QCIF(1~25/30fps)
	Extra stream	D1/CIF/QCIF(1~15fps)
Bit Rate	1Kbps ~ 6144Kbps 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	
<b>Video Detection &amp; Alarm</b>		
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips	
Motion Detection	Motion Detection, MD Zones: 396(22× 18), Video Loss, Tampering and Diagnosis	
Alarm Input	N/A	
Relay Output	N/A	
<b>Playback &amp; Backup</b>		
Sync 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	
<b>Network</b>		
Ethernet	1RJ-45 port (1000M)	
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 2.42, CGI Conformant	
<b>Storage</b>		
Internal HDD	2 SATA Port, up to 8TB capacity for each	
eSata	N/A	
<b>Auxiliary Interface</b>		
USB	16CH : 2 USB Ports (1USB 2.0 , 1USB 3.0)	
RS232	N/A	
RS485	1 port, For PTZ Control	
<b>Electrical</b>		
Power Supply	DC12V/4A	
Power Consumption	<15W (Without HDD)	
<b>Environmental</b>		
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	
<b>Construction</b>		
Dimensions	1U, 375×287×53mm(14.8"×11.3"×2.1")	
Net Weight	2.35kg ( 5.2lb) (without HDD)	
Gross Weight	3.2kg (7.05lb)	
<b>Certifications</b>		
Certifications	FCC: Part 15 Subpart B CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024 UL: UL 60950-1	

