



## FEATURES

- Embedded processor
- H.264+/H.264 dual-stream video compression
- Support HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 12/24 channels IP camera inputs, each channel up to 8MP; Max 48/96Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System
- Long transmission distance over coax cable
- Support P2P, DDNS, OnVif
- Support 1 SATA HDD, up to 8TB
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

## SPECIFICATION

<b>System</b>		
Main Processor	Embedded processor	
Operating System	Embedded LINUX	
<b>Video and Audio</b>		
Analog Camera Input	8 Channel, BNC	
HDCVI Camera	4K, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps	
AHD Camera	5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps	
TVI Camera	5MP, 3MP, 1080P@25/30, 720P@25/30fps	
CVBS Camera	PAL/NTSC	
IP Camera Input	8+4 Channel, each channel up to 8MP	
Audio In/Out	1/1, RCA	
Two-way Talk	Reuse audio in/Out, RCA	
<b>Display</b>		
Interface	1 HDMI, 1 VGA	
Resolution	HDMI:3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720, 1024×768 VGA: 1920×1080, 1280×1024, 1280×720, 1024×768	
Multi-screen Display	When IP extension mode not enabled: 8CH: 1/4/8/9	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
<b>Recording</b>		
Video Audio Compression	H.264+/H.264	
Record Resolution	4K, 5MP, 4MP, 3MP, 1080P, 720P, 960H, D1, CIF, QCIF	
Record Rate	Main stream	4K(1~7fps); 5MP(1~12fps); 4MP/3MP(1~15fps); 1080P/720P/960H/D1/CIF/QCIF (1~25/30fps)
	Extra stream	960H(1~15fps); D1/CIF/QCIF(1~25/30fps)
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	8CH: 1/4/9	
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>		
Interface	1 RJ-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 2.4.2, CGI Conformant	
<b>Storage</b>		
Internal HDD	1 SATA Port, up to 8TB capacity	
eSata	N/A	
<b>Auxiliary Interface</b>		
USB	2USB Ports (1 USB 2.0 , 1 USB 3.0)	
RS232	N/A	
RS485	1 port, For PTZ Control	
<b>Electrical</b>		
Power Supply	8CH:DC12V/2A , 16CH:DC12V/3A	
Power Consumption	8CH:<10W (Without HDD) 16CH: <15W (Without HDD)	
<b>Construction</b>		
Dimensions	Mini 1U, 325mm×255mm×55mm (12.8" x 10" x 2.2")	
Net Weight	1.5kg (3.3 lb) (without HDD)	
Installation	Desktop installation	
<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	

