



FEATURES

- Support HDCVI/CVBS/IP video inputs
- All channel 1080P Recording or 4MP non-realtime recording
- Embedded processor
- H.264+/H.264 dual-stream video compression
- Max 12 channels IP camera inputs, each channel up to 5MP
- Long transmission distance over coax cable
- Support P2P, DDNS, OnVif
- Support 1 SATA HDD, up to 6TB
- Multiplenetwork monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

SPECIFICATION

System		
Main Processor	Embedded processor	
Operating System	Embedded LINUX	
Video and Audio		
HDCVI Camera Input	8 Channel	
IP Camera Input	8+4 Channel, each channel up to 5MP	
Audio Input / Output	1 / 1 Channel	
Two-way Talk	1 Channel Input, 1 Channel Output, RCA	
Display		
Interface	1 HDMI(up to 3840x2160), 1 VGA	
Resolution	3840× 2160, 1920× 1080, 1280× 1024, 1280× 720, 1024× 768	
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.264+/H.264	
Record Resolution	4MP, 1080P/720P, 960H/D1, HD1, BCIF, CIF, QCIF	
Record Rate	Main stream	8CH : 4MP(1-15fps)1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1-25/30fps)
	Extra stream	D1/CIF/QCIF(1-25/30fps)
Bit Rate	32Kbps ~ 6144Kbps Per Channel	
Recording Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop	
Recording 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	
Motion Detection	Motion Detection, MD Zones: 396(22× 18), Video Loss & Camera Blank	
Alarm Input	N/A	
Relay Output	N/A	
Tracking Trigger Event	N/A	
Playback & Backup		
Sync Playback	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	
Network		
Ethernet	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 2.4.1, CGI Conformant	
Storage		
Internal HDD	1 SATA Port, up to 6TB capacity	
HDD Mode	Single	
eSata	N/A	
Auxiliary Interface		
Front Cover	N/A	
USB	8CH : 2 Ports (2USB 2.0)	
RS232	N/A	
RS485	1 port, For PTZ Control	
Electrical		
Power Supply	DC12V/2A	
Power Consumption	<15W (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	
Dimensions	Mini 1U, 325×255×55mm(12.8"×10"×2.2")	
Net Weight	1.5kg (3.3lb) (without HDD)	
Gross Weight	2kg (4.4lb)	
Installation	Desktop installation	

