



FEATURES

- Support HDCVI/AHD/TVI/CVBS/IP video inputs
- All channel 960H Recording or 720P/1080N non-realtime recording
- Embedded processor
- H.264 video compression
- Max 18 channels IP camera inputs
- 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	16 channel	
IP Camera Input	16+2: each channel up to 5MP	
Audio Input / Output	1 / 1 channel	
Two-way Talk	Reuse audio input/out, RCA	
Display		
Interface	1 HDMI, 1 VGA	
Resolution	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	
Record Resolution	1080N/720P,960H/D1,HD1,BCIF,CIF,QCIF	
Record Rate	Main stream	16CH:1080N(12fps)/720P(15fps)/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps)
	Extra stream	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	
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	1/4/9/16	
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	
Network		
Ethernet	1RJ-45 port (10/100M)	
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	
HDD Mode	Single	
eSata	N/A	
Auxiliary Interface		
Front Cover	N/A	
USB	2 ports(1 Rear), USB2.0	
RS232	N/A	
RS485	1 port, For PTZ Control	
Electrical		
Power Supply	DC12V/2A	
Power Consumption	<10W (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	Compact 1U, 260×236×48mm(10.2"×9.3"×1.9")	
Net Weight	0.75kg (1.7lb) (without HDD)	
Gross Weight	1.5kg (3.3lb)	
Installation	Desktop installation	

