



FEATURES

- Support HDCVI/AHD/TVI/CVBS/IP video inputs
- All channel 720P Recording or 1080P 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	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+/H.264
Record Resolution	1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF
Record Rate	Main stream: 8CH:1080P(1~15fps)/1080N/720P/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
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 (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 capacity
HDD Mode	Single
eSata	N/A
Auxiliary Interface	
Front Cover	N/A
USB	8 : 2 Ports (2USB 2.0)
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	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

