

## SPECIFICATION



### 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 24 channels IP camera inputs
- Max 96 Mbps Incoming Bandwidth
- Long transmission distance over coax cable
- Support P2P, DDNS, OnVif
- Support 2 SATA HDD, up to 12TB
- Multiplenetwork monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System	
Main Processor	Embedded processor
Operating System	Embedded LINUX
Video	
HDCVI Camera Input	16 channel, BNC
IP Camera Input	16+8 Channel, each channel up to 5MP
Audio In/Out	1/1 channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	
Interface	1 HDMI(up to 3840x2160),1 VGA
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
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
Recording	
Video/Audio Compression	H.264+, H.264
Resolution	4MP,1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main Steam 4MP(1-15fps) 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Extra Steam D1/CIF/QCIF(1~25/30fps)
Bit Rate	32~6144Kb/s Per Channel
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record 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
Video Detection	Motion Detection, MD Zones: 396(22x 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 & Exact search (accurate to second), Smart search
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, 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	2 SATA ports, up to 12TB
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB Interface	2 USB Ports (1 USB 2.0, 1 USB 3.0)
RS485	1 port For PTZ control
Electrical	
Power Supply	DC12V/5A
Power Consumption	<15W (without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH
Dimensions	1U, 375mmx285mmx55mm (14.8" x 11.2" x 2.2")
Net Weight	2.35kg (5.2 lb) (without HDD)
Gross Weight	32kg (7.05lb)
Installation	Desktop installation

