

FEATURES

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- All channel 720P recording
- HDMI/VGA simultaneous video output
- Synchronous playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brick-com, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)



SYSTEM

Main Processor	Embedded processor
Operating System	Embedded LINUX

VIDEO

Input	16 channel, BNC	
	Analog	NTSC/PAL
Standard	HDCVI	720P HDCVI Camera
	IP	Support 2ch 1080P/720P IP Camera

AUDIO

Input	1 channel, RCA
Output	1 channel, RCA
Two-way Talk	Reuse audio input/output channel 1

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/G.711
Record Rate	Main Stream: 1*720P(1~25/30fps)+1 5*(1~15fps)/960H/D1 (1~25/30fps)
	Extra Stream: CIF/QCIF(1~12/15fps)
Bit Rate	96~4096Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

VIDEO DETECTION

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22× 18), Video Loss & Camera Blank

PLAYBACK & BACKUP

Sync Playback	1/4/9/16
Search Mode	Time/Date, MD & 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/Internal SATA burner/Network

NETWORK

Ethernet	RJ-45 port (10/100M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone

STORAGE

Internal HDD	1 SATA port, up to 4TB
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AUXILIARY INTERFACE

USB Interface	2 ports(1 Rear), USB2.0
RS485	1 port, For PTZ Control

GENERAL

Power Supply	DC12V/2A
Power Consumption	10W(without HDD)
Working Environment	-10°C ~+55°C / 10%~90%RH / 86~106kpa
Dimension(W×D× H)	Compact 1U, 260mm× 220mm× 40mm
Weight	0.75KG(without HDD)