

Technical Specification	
System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI ,1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/8/9/16/25
OSD	Cameradetection,title,RecordingTime, Video loss, Camera lock, Motion
Video Detection and Alarm	
Trigger Events	Recording,FTP, Snapshot,PTZ,BuzzerTour, Alarmand ScreenOut, VideoTips Push, Email,
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video
	Loss,Tampering and Diagnosis
Alarm input	N/A
Relay Output	N/A
Tracking Trigger Event	N/A
Playback and Backup	
Playback	1/4/9/16
	Time /Date, Alarm, MD and Exact Search (accurate
Search Mode	to second)
	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next
Playback Function	File,Full Screen,PreviousRepeat,File, NextShuffle,Camera,BackupPreviousSelectio n,Camera,
	Digital Zoom
Backup Mode	USB Device/Network
Storage	
Internal HDD	2 SATA Ports, up to 6TB capacity for each disk
HDD Mode	Single
eSATA	N/A

Auxiliary Interface	
Front Cover	N/A
USB	2USB Ports (1 USB 2.0 , 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control
Third-party Support	
	Dahua, Arecont Vision, AXIS, Bosch, Brickcom,
Third-party Support	Canon, CP Plus, Dynacolor, Honeywell, Panasonic,
	Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek,
	and more
Audio and Video	
HDCVI Camera Input	32 Channel
Audio In/Out	01-Jan
Two-way Talk	Reuse audio in/out, RCA
Recording	
Compression	H.264+/H.264
Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
	Main stream: 1080P(1~15fps)
Record Rate	1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF
	(1~15fps)
	Sub stream:D1/CIF/QCIF(1~15fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD
	(Video detection: Motion Detection, Video Loss,
	Tampering), Alarm, Stop
	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec,
Record Interval	
	Post-record: 10 ~ 300 sec
Network	
Interface	1 RJ-45 Port (1000M)
	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP,
	NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm
Network Function	

	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
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
Construction	
Dimensions	1U, 375mm×285mm×55mm (14.7" x 11.2" x 2.2")
Net Weight	2.35kg (5.2 lb) (without HDD)
Gross Weight	3.2kg (7.05lb)
Installation	Desktop installation