

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024,
Multi-screen Display	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock,
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering
Alarm input	4 Channel, Low Level Effective,
	Green Terminal Interface
Relay Output	2 Channel, NO/NC Programmable,
	Green Terminal Interface
Playback and Backup	
Playback	2001-04-08
Search Mode	Time/Date, Alarm, MD & Exact search
	(accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow
	Next File, Previous File, Next Camera,
	Previous Camera, Full Screen, Repeat,
Backup Mode	USB Device/Network
Storage	
Internal HDD	2 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (1 USB2.0, 1 USB3.0)
RS232	N/A
RS485	N/A
Third-party Support	

Third-party Support	Dahua, Arecont Vision, AXIS, Bosch,
	Canon, CP Plus, Dynacolor, Honeywell,
	Pelco, Samsung, Sanyo, Sony, Videotec, and
Audio and Video	
IP Camera Input	8 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Recording	
Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Network	
Interface	1 RJ-45 Port (10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	8 ports (IEEE802.3at/af)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant
Electrical	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
	NVR: <9.6W (Without HDD)
Power Consumption	PoE: Max 25.5w for single port, 80w in total
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	
Dimensions	1U, 375mm×327.5mm×53mm (14.8" x 12.9" x 2.1")
Net Weight	2.6kg (5.7lb) (without HDD)
Gross Weight	4kg(8.8lb)(without HDD)

Certifications	
CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL60950-1+CAN/CSA C22.2 No.60950-1