System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI,1VGA,SPOT(configurable)
Resolution	3840x2160, 1920x1080, 1280x1024,
	1280x720, 1024x768
Multi-screen Display	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion
	detection, Recording
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),
Alarm input	16 Channel, Low Level Effective, Green
Relay Output	4 Channel, NO/NC Programmable, Green
Playback and Backup	
Playback	1/4/8/16
Search Mode	Time/Date, Alarm, MD and Exact Search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow
Backup Mode	USB Device/Network
Storage	
Internal HDD	4 SATA III Ports, up to 6TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (1 USB 2.0, 1 USB 3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
Audio and Video	
IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording	
Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD
	(Video detection: Motion Detection, Video Loss,
	Tampering), Alarm, 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 (1000M)
Network Function	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
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR: <13.7W (Without HDD)
	PoE: Max 25.5w for single port, 150w 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	1.5U, 440mm×411.1mm×76mm (17.3" x 16.2" x 3.0")
Net Weight	4.7kg (10.4lb) (without HDD)
Gross Weight	7.5kg(16.5 lb)(without HDD)