



System	
Main Processor	HI3520DV400
Operating System	Embedded LINUX
Video	
Input	Normal Mode: Analog: 4*(TVI/AHD:8M; TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 2*Analog(1080P)+7*network(MAX 5MP) Lite Mode: Analog: 4*(AHD/TVI/CVI: 1080P/720P; Analog: 960H) Network: 16*5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤48M)
Input	4CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD,1 VGA
Audio	
Input	4 Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
Alarm	
Sensor Input	NO
Output	NO
Motion Detection	4 Channel (max 16 Channel in pure network mode)
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications (motion detection)
Email Alarm	Send Image to The Designated E-mail
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
Display	
VGA	Resolution: 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz
HD Output	Normal Mode: Resolution: 2560*1440/30Hz, 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz Lite Mode: Resolution: 3840×2160/30Hz, 2560×1440/30Hz, 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	16 Channel/9 Channel/4 Channel / 1Channel
Privacy Masking	3 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording
Certificate	
Certificate	CE, FCC, RoHS

Recording	
Video Compression	H.265/H.265+/H.264/H.264+
Audio Compression	G.711u
Resolution	5MP(2592×1944),8MP_LITE(1920×2160),5MP_HALF(1296×1944),4MP(2560×1440),4MP_HALF(1280×1440),3MP(2048×1536),1080P(1920×1080),720P(1280×720),960H(P:960×576/N:960×480)
Video Quality	worst/worse/ordinary/well/best
Record Rate	Normal Mode: PAL: 8MP_LITE(1920×2160 4*8fps), 5MP(2592×1944 4*6fps), 5MP_HALF(1296×1944 4*10fps),4MP(2560×1440) Analog: 4*8fps,4MP_HALF(1280×1440 4*15fps),3MP(2048×1536 4*9fps),1080P(1920x1080 4*15fps),720P(1280×720 4*25fps), 960H(960×576 4*25fps) NTSC: 8MP_LITE(1920×2160 4*8fps), 5MP(2592×1944 4*6fps),5MP_HALF(1296×1944 4*10fps),4MP(2560×1440*8fps),4MP_HALF(1280×1440 4*15fps),3MP(2048×1536 4*9fps),1080P(1920x1080 4*15fps),720P(1280×720 4*25fps), 960H(960×480 4*25fps) Lite Mode: Analog: Half 1080P(960x1080 4*25fps),720P(1280×720 4*25fps), 960H(P:960×576 4*25fps/N:960×480 4*30fps) Pure IP(H.265+): PAL: 5MP@8×25fps,4MP@12×25fps,3MP@12×25fps,1080P@12×25fps,960P@12×25fps,720P@12×25fps,D1@12×25fps NTSC: 5MP@8×30fps,4MP@12×30fps,3MP@12×30fps,1080P@12×30fps, 960P@12×30fps, 720P@12×30fps, D1@12×30fps
Record Mode	Manual\Timer\Motion Detection
Playback & Backup	
Decode Capability	2CH 1080P@30fps
Sync Playback	Pure Analog: 4CH 5M@6fps, 4CH 4M@7fps, 4CH 3M@9fps, 4CH 1080p@15fps, 4CH 1080N@25fps Mix Mode: 1CH 5M@30fps, 1CH 4M@30fps, 1CH 3M@30fps, 2CH 1080P@30fps, 3CH 1080p@15fps Pure IPC: 1CH 5MP@30fps, 1CH 4MP@30fps, 1CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Fast play, Rewind, Digital Zoom, Full screen
Smart Phone Playback	4 Channel
Backup Mode	USB Device (with format FAT 32) / Network
Network	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
CMS Software Support	Windows 7/ Windows 8/Windows 10
Extra Stream	CIF (1~25fps)
Smart Phone	iPhone, ipad, Android ,Android pad
Hard Disk Driver	
Interface Type	1 SATA Interface
Capacity	1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)
General	
Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V ≤6W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension	(W×D×H) 260*215*43(mm)
Weight	2kg (Without HDD)