

Main Processor	Embedded Processor
Operating System	Embedded LINUX
<b>Environmental</b>	
Operating Conditions	-10°C ~ +50°C (+14°F ~ +121°F), 86 ~ 106kpa
Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH
<b>Video Detection and Alarm</b>	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
Alarm input	N/A
Relay Output	N/A
Tracking Trigger Event	N/A
<b>Display</b>	
Interface	1 HDMI, 1 VGA
Resolution	1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
Multi-screen Display	4CH: 1/2/4 8CH: 1/2/4/8/16 16CH: 1/2/4/8/16/20
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
<b>Recording</b>	
Compression	H.264+/H.264
Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P(1~10fps) 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~20/30fps) Sub stream: D1/CIF/QCIF(1~20/30fps)
Bit Rate	1Kbps ~ 7144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
<b>Playback and Backup</b>	
Playback	4CH: 1/2 8CH: 1/2/4 16CH: 1/2/4/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	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/Network
<b>Third-party Support</b>	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

<b>Audio and Video</b>	
HDCVI Camera Input	4/8/16 Channel
Audio In/Out	1/1
Two-way Talk	Reuse audio in(channel 1)/out, RCA
<b>Electrical</b>	
Power Supply	DC 12V/1A
Power Consumption	<1.0W (Without HDD)
<b>Network</b>	
Interface	4CH/8CH: 1 RJ-45 Port (100M) 16CH: 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 2.0, 3.0, CGI Conformant
<b>Storage</b>	
Internal HDD	1 SATA Port, up to 1TB capacity
HDD Mode	Single
eSATA	N/A
<b>Auxiliary Interface</b>	
Front Cover	N/A
USB	4/8CH: 2 USB Ports (2 USB 2.0) 16CH: 2 USB Ports (1 USB 2.0, 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control
<b>Construction</b>	
Dimensions	Compact 1U, 260×236×44mm(10.2"×9.3"×1.7")
Net Weight	0.9kg ( 1.9lb) (without HDD)
Gross Weight	1.0kg (2.2lb)
Installation	Desktop installation
<b>Certifications</b>	
Certifications	FCC: Coming soon