



## IP Network Video Recorder

Model	4 Channel	8 Channel	16 Channel
<b>System</b>			
Main Processor	High performance Dual-core embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
<b>Video</b>			
IP Camera Input	100/120fps@D1, 100/120fps@720P, 100/120fps@1080P	200/240fps@D1, 200/240fps@720P, 100/120fps@1080P	400/480fps@D1, 200/240fps@720P, 100/120fps@1080P
IP Camera Supported List	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Output	1 HDMI, 1 VGA, 1TV(BNC)		
<b>Audio</b>			
IP Audio Input	Bidirectional Talk 1/1 channel input/output		
Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ) 1 channel Output, BNC(200-2800mV, 5KΩ)		
<b>Display</b>			
Display Split	1/4	1/4/8/9	1/4/8/9/16
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Tour Display	Support		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
OSD	Camera title, time, video loss, camera lock, motion detection, recording		
<b>Recording</b>			
Compression	H.264 / MPEG4		
Recording Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)		
Max Recording Speed	400/480fps@D1, 200/240fps@720P, 100/120fps@1080P		
Recording Bit Rate	8Mbps	16Mbps	32Mbps
Recording Quality	CBR, VBR(1~6 level, level 6 is the best)		
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop		
Recording Priority	Manual >Alarm >MD >Regular		

Recording Interval	1~120 min (default: 60 min)		
<b>Video Detection &amp; Alarm</b>			
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer& Screen tips		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
Video Loss & Camera Blank	Support		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	3 channel		
<b>Playback &amp; Backup</b>			
Playback Channel	1/2/4/All		
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
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	Flash drive/ USB HDD/ USB CD&DVD-RW/ Network download		
<b>Network</b>			
Ethernet	RJ-45 port (10/100M/1000M)		
PoE	IEEE802.3af	IEEE802.3af	IEEE802.3af
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS etc)		
Max Remote Users	20 Users simultaneously		
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
<b>Hard Disk</b>			
Hard Disk	2 SATA ports, Up to 8TB		
Space Occupation	Max 3.6GB/H per channel		
HDD Management	HDD Group, HDD hibernation technology, HDD faulty alarm & Raid(Redundancy)		
<b>Auxiliary Interface</b>			
USB Interface	2 ports, 1 for mouse control, 1 for backup		
RS232	keyboard, PC communication		
RS485	PTZ control		
<b>Environmental</b>			
Power Supply	DC12V/3.3A		
Power Consumption	20W(without HDD)		
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa		
Dimension	1U, 375mm×285mm×50mm(W×D×H)		
Weight	2.3KG(without HDD)		