



<b>Video</b>	Input	4 Analog Channels and 4 IP Channels, 8 IP Channels
	Standard	PAL (704x576) and NTSC (704x480)
	Compression	H.264/Motion JPEG
	Output	1 HDMI, 1 VGA , 1 CVBS Spot
<b>Audio</b>	Compression	Analog: G.711 and IP Input: G.711, G.726, G.729 and AAC(Dep on cam)
	Input	2 Channels, RCA Ports
	Output	1 Channel, RCA Port
<b>Alarm</b>	Input	2
	Output	1
<b>Display</b>	Split(VGA/HDMI)	1x1, 2x2, 3x3, 4x4, 5+1, 7+1, 4+3, 8+2, 12+1, 1@+12, 1+9, 4+9, 2+12 and Sequential
	Split(Through LAN)	8 Channel @ 1080P/720P/D1
	Resolution(VGA/HDMI)	2 Ch.@1080P, 4 Ch.@ 720P and 8 Ch.@ D1
	Privacy Masking	Yes
	Digital Zoom on Live	Yes
	Snapshot	Yes
	Multiple Camera Viewing	Through Cascading(up to 20 Devices)
	OSD	Channel Number and Name, Status, Video Loss, Motion Detection, Recording, View Tamper and Disabled Channel (As per camera support)
<b>Recording</b>	Frame Rate	25fps @ D1 Per Channel
	Image Resolution	1080P, 720P, D1(Max-1080P for all channel)
	Pre-Record	Up to 30 Sec
	Post-Record	10-300 Sec
	Snapshot Format	JPEG
	Recording Modes	Continuous, Scheduled, Alarm, COSEC, Motion Based, Manual
<b>Optimization</b>	Retention (Camera Wise Recording & Backup Retention)	Day wise(Configurable)
	Storage	Adaptive recording: Automatically changes frame parameters during recording for configured time, thereby saving storage
	Bandwidth	Automatically adapts optimized resolution on local display through HDMI/VGA

<b>Playback And Backup</b>	Synchronous Playback	4 Channel
	Search Mode	Date and Time, Camera, Event, Recording Type
	Playback Modes	Fast Forward, Slow Forward, Slow Reverse, Fast Reverse at Different Speed Control, Next-Previous Frame
	Backup	Manual Backup over USB and NAS, Scheduled Backup over USB, NAS and FTP
	Network Functions	TCP/IP, DHCP, PPPOE DNS, DDNS, Free Matrix DNS, FTP, SMTP, NTP, RTP/RTSP, HTTP, CIFS/NFS, UPnP
	Remote Operation	Monitor, PTZ Control, Playback, System Setting, File Download, Log Information, Upgrade
<b>Video Detection And Alarm</b>	Trigger Events	Motion Detection, View Tampering, Connection Failure, , Recording Failure, Manual Trigger, On Boot Alarm, Storage Alert, Disk Volume Full, Disk Fault, Scheduled Backup Fail
	Actions	Recording on Selected Channel, Upload Images on FTP/Email server, Email Notification with Snapshot, TCP Notification, Recall PTZ Preset Position, Turn On/Off Alarm Outputs, Buzzer Notification, SMS Notification, Calling from Mobile App
	Motion Detection	Yes
	Connection Failure	Yes
	View Tamper	Yes
<b>Interfaces</b>	Communication Interface	1 RJ45 10/100Mbps Adaptive Ethernet Interface
	Throughput	48Mbps (16 Mbps Downlink / 32 Mbps Uplink)
	USB	2 Ports (1x3G Connectivity, Mouse & 1xBackup)
	RS-485	1 Port (PTZ Control)
<b>Storage</b>	SATA Interface	1 SATA Port (6TB Per Port)
	NAS	2 (16TB Per NAS)
	USB	1 TB USB Drive(GPT Partition Table)
<b>System</b>	Processor	High Performance Embedded Microprocessor
	OS	Linux
	Control Mode	Mouse, IR Remote Control, CMS(SATATYA CORE) and Device Client
<b>Camera Support</b>		Axis, Acti, Samsung, Panasonic, Sony, Planet, Zavio, Vivotek, LevelOne, Arecont Vision, Grandstream, Infinova, Dlink, Mobotix, Ganz and ONVIF 2.0 & above Support
<b>Electrical</b>	Power Input	12VDC@2A
	Power Consumption	Less than 24W(with 1 HDD)
<b>Environmental</b>	Operating Temperature	-10 <sup>0</sup> C to +45 <sup>0</sup> C (14 <sup>0</sup> F to 113 <sup>0</sup> F)
	Humidity Range	10% to 95% RH Non-Condensing
<b>Mechanical</b>	Dimensions (WxHxD)	220x66x123.5 mm
	Weight(Kg)	0.95
<b>Certification</b>		CE, FCC