Video	Input	64 IP Channels
	Compression	H.264,MPEG-4, Motion JPEG
	Output	1 VGA, 1 HDMI
Audio	Compression	G.711, G.726, AAC, PCM
	Output	1Channel, RCA Port
Alarm	Input	4
	Output	2 (Rating:3V Relay30VDC / 2A; 125VAC / 0.48A;240VAC /0.25A)
Display	Split(HDMI/VGA)	1x1, 2x2, 3x3, 4x4, 5+1, 7+1, 4+3, 8+2, 12+1 and Sequential
	Split(Through LAN)	1X1, 2X2, 3X3, 5+1, 7+1, 4+3, 4X4, 8+2, 12+1, 5X5
	Resolution(VGA/HDMI)	4 Ch.@720P at 2Mbps
	Privacy Masking	As Per Camera Support
	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)
	Frame Rate	25fps/ 2 mbps per camera
Recording	Image Resolution	1080P, 720P, D1(Max-720P 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
	Retention (Camera Wise Recording & Backup Retention)	Day wise(Configurable)
Optimization	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

MATRIX

SECURITY SOLUTIONS

Playback And Backup	Synchronous Playback	4 Channels
	Search Mode	Date and Time, Camera, Recording Type
	Playback Modes	Fast Reverse, Fast Forward, Slow Forward, Slow Reverse, Different Speed Control, Next-Previous Frame
	Instant Playback	Yes(In Live View)
	Backup	Manual Backup over USB, Scheduled Backup over USB, NAS/FTP
	Configuration Backup	Yes
	Network Functions	TCP, DHCP, PPPOE DNS, DDNS, Matrix DNS Server, FTP, SMTP, NTP, RTP/RTSP, HTTP, CIFS, UPnP,NFS
	Remote Operation	Monitor, PTZ Control, Playback, System Setting, File Download, Log Information, Upgrade
Video Detection And Alarm	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
Interfaces	Communication Interface	2xGigabit RJ45 Ethernet Interface
	Throughput	256 Mbps (128 Mbps Downlink / 128 Mbps Uplink)
	USB	4 Ports 2.0(1xMouse, 2xScheduled and Manual Backup)
RAID Support		Single Disk, RAID0, RAID1
Storage	SATA Interface	4 SATA Ports (6TB Per Port)
	NAS	2 (16TB Per NAS)
	USB	1 TB USB Drive(GPT Partition Table)
System	Processor	Core 2 Duo
	OS	Linux
	Control Mode	Mouse, IR Remote Control, CMS and Web Client
Camera Support		Axis, Acti, Samsung, Panasonic, Sony, Planet, Zavio, Vivotek, LevelOne, Arecont Vision, Grandstream, Infinova, Dlink, Mobotix, Ganz and ONVIF 2.0 & above Support
Electrical	Power Input	100-240 volt AC
	Power Consumption	115W approx.
Environmental	Operating Temperature	0~50 ^{0}C
	Humidity Range	0% to 90% RH Non-Condensing
Mechanical	Dimensions (WxHxD)	445 Without Clamp ; 483 With Clamp x 272 x 75