



Characteristics

- Supports H.264 codec
- Supports Dual display
- Up to Max. 5M recording
- All In One : Supports TVI/AHD/CVBS/IP
- Supports Various IP Camera by ONVIF
- Supports VA : Various Video Analytics function
- Supports CVBS Spot Monitor
- HD monitor and VGA Video Output
- Supports P2P
- Compact Size & easy to install the HDD



Specification

CHANNELS		4CH	
VIDEO	INPUT SIGNAL	SD(960) / AHD,TVI(HD,FHD)/ 3,4,5M	
	IP HYBRID	MAX 4CH IP, 2MP@30	
	MAIN MONITOR	HDMI / VGA	
	SPOT OUT	1(CVBS)	
	LOOP THROUGH	no	
AUDIO	INPUT SIGNAL	4CH(10KOhm, 2.8Vpp)	
	OUTPUT SIGNAL	1CH(600Ohm, 2.8Vpp)	
	CODEC	G.711 ulaw	
RECORDING	CODEC	H.264	
	REC. RATE	[Analog] Upto 80FPS@1296x1944(5M Half) Upto 48FPS@2592x1944(5M) Upto 120FPS@1344x1520(4M Half) Upto 120FPS@1280x1440(4M Half) Upto 60FPS@2688x1520(4M) Upto 60FPS@2560x1440(4M) Upto 120FPS@1024x1536(3M half) Upto 72FPS@1920x1536(3M) Upto 120FPS@ FHD	
		[IP] Upto 120FPS@ FHD	
		Up to 120FPS@ 2CIF	
		Up to 120FPS@ CIF	
		REC. RESOLUTION	CIF, 2CIF, D1, 960H, 720P, 1080P, 3M, 4M, 5M
	ALARM I/O	ALARM INPUT	2CH
ALARM OUT		1CH(RELAY)	
STORAGE	INTERNAL HDD	1EA	
	EXTERNAL STORAGE	no	
	INTERNAL ODD	no	
INTERFACE	USB	2x front	
	RS-485	1	
	RS-232	-	
	LAN	1x 10/100	
	REMOTE CONTROL	YES	
POWER	POWER SUPPLY	12V/2A	
	POWER CONSUMPTION	6W max. without HDD	
ENVIROMENT	TEMPERATURE / HUMINITY	0°C ~ 40°C (32°F~104°F) / 10 ~ 90% NC	
MONITORING	DISPLAY RATE	[Analog] Upto 80FPS@1296x1944(5M Half) Upto 48FPS@2592x1944(5M) Upto 120FPS@1344x1520(4M Half) Upto 120FPS@1280x1440(4M Half) Upto 60FPS@2688x1520(4M) Upto 60FPS@2560x1440(4M) Upto 120FPS@1024x1536(3M half) Upto 72FPS@1920x1536(3M) Upto 120FPS@ FHD	
		[IP] Upto 120FPS@ FHD	
		DISPLAY RESOLUTION	1920x1080(HD Display, VGA), Dual Display (Mirroring)
		DISPLAY MODE	1,4
		SEQUENCE	Programmable Sequence
	DIGITAL ZOOM	YES	
	COVERT CAMERAS	YES	
	CAMERA COLOR CONTROL	YES (CONTRAST, COLOR, TINT, BRIGHTNESS)	
	PTZ CAMERA	YES	
	RECORD	SCHEDULE METHOD	DAILY/WEEKLY EACH HOUR
PROGRAMMABLE FOR CH		YES	
MANUAL RECORDING		YES	
POST-EVENT RECORDING		5/10/15/20/30/60/180 SEC	
EVENT RECORDING		YES	
PRE-EVENT RECORDING		0/1/2/3/4/5/10/15 SEC	
PANIC RECORDING		YES	
EVENT LOGGING		YES (MOTION,ALARM,PANIC,VLOSS)	
SYSTEM LOGGING		YES (SYSTEM ON/OFF, TIME CHANGED, HDD/EMAIL OPERATIONS, SYSEYM OPERATIONS)	
SETUP LOGGING		YES (SETUP CHANGED)	
REMOTE LOGGING	YES (WHO, IP ADDRESS, REMOTE OPERATIONS)		
SEARCH & PLAYBACK	PLAYBACK RATE	Same as Recording Rate	
	PLAYBACK SPEED	x1, x2, x4, x8, x16, x32, x64	
	SEARCH TYPE	CALENDER / EVENT / TIME / TUHMBNAIL	
ARCHIVING	ARCHIVING DEVICES	USB Memory, FTP	
	REMOTE ARCHIVING	YES (WEB RA, VMS, FTP)	
	SNAPSHOT ARCHIVING	YES	
	DATA RESERVING	YES	
	RESERVED DATA LIST MANAGEMENT	YES	
	BACKUP DATA FORMAT	AVI, RAW	
	WARTERMARK	YES	
	WARTERMARK VARIFICATION	YES	
	ARCHIVED DATA PLAYBACK	YES	
NETWORK	MAX. CONNECTIONS	32 USERS	
	DHCP / DDNS	YES	
	TRANSMISSION RATE	MAX 120 FPS	
	BANDWIDTH CONTROL	YES	
	WEB BROWSER ACCESS	YES	
	REMOTE FUCNTION	REMOTE MONITORING / PLAYBACK / ARCHIVING / SETUP / PTZ CONTROL / HEALTH CHECK	
	VMS SUPPORT	YES	
	TWO-WAY AUDIO	YES	
	PC BASED REMOTE AGENT	YES	
	SMART PHONE APPLICATION	YES (IOS, Android)	
	WEB BASED REMOTE AGENT	YES (WINDOWS®, LINUX, MAC OS/X®, ETC.)	
	SDK	YES (HTTP, RTSP Protocol Base)	
	AUTO ROUTER PORT FORWARDING	YES	
	DUAL STREAMING	YES	
	FTP CLIENT	YES (For ARCHIVING)	
	E-MAIL	YES (SMTP CLIENT)	
	AUTHORITY CONTROL	ADMIN / MANAGER / USER	
PROTOCOLS	RTP, RTSP, RTCP, SMTP, NTP, HTTP, FTP, DDNS, DHCP, Upnp (Router Port Forwarding)		
EVENT	TYPE	VIDEO LOSS EVENT / EVENT NOTIFICATION / EVENT POPUP / ACTION DETECTION / MOTION SENSING AREA	