



## SPECIFICATIONS

Video System		NTSC / PAL (auto detection)	
Video Compression Format		H.264 / audio	
Video Input		4 Channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Output (BNC)	MainCall	For stable display	
	MonitorMonitor	For sequence display	
Video Output (VGA)		Built-in (Output resolution up to 1600 x 1200)	
Audio Input / Output		4 audio inputs, 1 audio output (Mono)	
Multiplex Operating		Supports live display, recording, playback, backup, and network simultaneously	
Maximum Recording Rate	Frame	720×480 pixels with 120 IPS <NTSC> / 704×576 pixels with 100 IPS <PAL>	
	Field	704×240 pixels with 120 IPS <NTSC> / 704×288 pixels with 100 IPS <PAL>	
	CIF	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>	
DCCS Support		YES (All channels)	
IVS Support		YES (4 channels)	
Recording Mode		Manual / Timer / Motion / Alarm / Remote	
Recording Quality Options		SUPER BEST / BEST / HIGH / NORMAL	
Pre-alarm Recording		YES (8 MB)	
HDD Type		SATA	
HDD Storage		Accommodates 1 SATA HDDs	
Quick Search		Time / Motion / Alarm search mode	
Backup Device		USB flash drive / network	DVD writer / USB flash drive / network
Web Transmitting Compression Format		H.264	
Network Live Audio		YES	
Ethernet		10/100 Base-T.	
Network Protocol		TCP/IP, PPPOE, DHCP and DDNS (Dynamic IP)	
Remote(OperatingSurveillanceSystem: Windows 7 / Vista / XP)	CMS:	Our self-developed and free software, "Video Viewer"	
	wEBMediaBrowser:	Internet Explorer, Opera Mozilla Firefox, Google Chrome,	
	MediaPlayer:	Quick Time	
	Max. on-line user:	10	
Remote Independent Operation		YES	
Event Notification		FTP / E-Mail / Push Video	
R.E.T.R. (Remote Event Trigger Recording)		YES	
IR Remote Control		YES	
Mobile Surveillance		YES	
Motion Detection Area		16 × 12 grids per channel	
Motion Detection Sensitivity		3 adjustable parameters for accurate detection	
PTZ Control		YES	
External Alarm		4 inputs, 1 output	
Picture Zoom		2X digital zoom	
Key Lock (Password Protection)		YES	

User Level	Administrator & Operator
Video Loss Detection	YES
Camera Title	Supports up to 12 letters
Image and Volume Editing	Hue / Color / Contrast / Bright / Volume
Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY
Daylight Saving	YES
Power Source ( $\pm 10\%$ )	DC 19V
Power Consumption ( $\pm 10\%$ )	< 42 W
Operating Temperature	10°C ~ 40°C (50°C~104°C)
Dimensions (mm)**	375(W) × 61(H) × 281(D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Keyboard controller



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