

SPECIFICATIONS

Camera Input		4CH	8CH	16CH
Video	HDMI	1 (Option) (Video Output [1280x1024] + Audio Output)	1 (Option) (Video Output [1280x1024] + Audio Output)	N/A
	Input	4	8	16
	Output	2 BNC (1 BNC for Main monitor, 1 BNC for Co-monitor) , 1 VGA (max. 1280X1024)	2 BNC (1 BNC for Main monitor, 1 BNC for Co-monitor) , 1 VGA (max. 1280X1024)	2 BNC (1 BNC for Main monitor, 1 BNC for Co-monitor) , 1 VGA (max. 1280X1024)
Audio	Input	4 RCA	4 RCA	4 RCA
	Output	2 RCA	2 RCA	1 RCA
System	Operating System	Embedded Linux OS	Embedded Linux OS	Embedded Linux OS
	Internal HDD	Supports 1 SATA Device (HDDx1)	Supports 1 SATA Device (HDDx1)	Supports 1 SATA Device (HDDx1)
	External HDD	N/A	N/A	eSATA
	Sensor In (NO, NC)	Sensor-in x 4	Sensor-in x 4	Sensor-in x 8
	Relay out	Relay-out x 1	Relay-out x 1	Relay-out x 1
	Serial Interface	RS-485	RS-485	RS-485
	USB	2 x USB2.0	2 x USB2.0	2 x USB2.0
	Dimension (mm)	W: 280(w)x51(h)x203(d)	W: 280(w)x51(h)x203(d)	W: 280(w)x51(h)x203(d)
	Weight (w/o HDD/DVD±RW)	1.00KG	1.03KG	1.4KG
Adaptor	Input 100~240V, Output 12V 3A	Input 100~240V, Output 12V 3A	Input 100~240V, Output 12V 3A	

	Power Source	36W	36W	36W	
Display	Speed	120 fps	240 fps	480 fps	
	Resolution (Pixel)	720 X 480(NTSC), 720 X 576(PAL)	720 X 480(NTSC), 720 X 576(PAL)	720 X 480(NTSC), 720 X 576(PAL)	
	Split screen	1,4, SEQ.	1,4,8, SEQ.	1,4, 9, 13, 16, SEQ.	
	Auto Channel Switching	Switching time : 1 ~ 999 sec	Switching time : 1 ~ 999 sec	Switching time : 1 ~ 999 sec	
	Mode	Zoom (Digital x2~ x8), PIP, Auto SEQ.	Zoom (Digital x2~ x8), PIP, Auto SEQ.	Zoom (Digital x2~ x8), PIP, Auto SEQ.	
Recording	Compression	H.264 ASP (Internet Transmission: H.264)	H.264 ASP (Internet Transmission: H.264)	H.264 ASP (Internet Transmission: H.264)	
	Dual Stream Resolution (Pixel)	Main (Recording)	704 X 480, 704 X 240, 352 X 240 (NTSC) / 704 X 576, 704 X 288, 352 X 288 (PAL)	704 X 480, 704 X 240, 352 X 240 (NTSC) / 704 X 576, 704 X 288, 352 X 288 (PAL)	704 X 480, 704 X 240, 352 X 240 (NTSC) / 704 X 576, 704 X 288, 352 X 288 (PAL)
		Sub (Network)	352 x 240 (NTSC), 352 x 288 (PAL)	352 x 240 (NTSC), 352 x 288 (PAL)	352 x 240 (NTSC), 352 x 288 (PAL)
	Picture quality	5 levels (Highest, High, Normal, Basic, Below Basic)	5 levels (Highest, High, Normal, Basic, Below Basic)	5 levels (Highest, High, Normal, Basic, Below Basic)	
	Mode	Manual, Motion, Schedule	Manual, Motion, Schedule	Manual, Motion, Schedule	
	Speed	NTSC	D1 120 fps(704 x 480) HD1 120 fps(704 x 240) CIF 120 fps(352 x 240)	D1 120 fps(704 x 480) HD1 240 fps(704 x 240) CIF 240 fps(352 x 240)	D1 120 fps(704 x 480) HD1 240 fps(704 x 240) CIF 480 fps(352 x 240)
		PAL	D1 100 fps(704 x 576) HD1 100 fps(704 x 288) CIF 100 fps(352 x 288)	D1 100 fps(704 x 576) HD1 200 fps(704 x 288) CIF 200 fps(352 x 288)	D1 100 fps(704 x 576) HD1 200 fps(704 x 288) CIF 400 fps(352 x 288)

	Pre-Alarm	10 SEC	10 SEC	10 SEC
	Post-Alarm	1 ~ 60 SEC	1 ~ 60 SEC	1 ~ 60 SEC
	Watermark	YES	YES	YES
Playback	Display	1, 4	1, 4, 8	1, 4, 9, 16
	Search mode	Date, time, event, camera	Date, time, event, camera	Date, time, event, camera
	Zoom	Digital (x2 ~ x8)	Digital (x2 ~ x8)	Digital (x2 ~ x8)
	Snapshot	YES	YES	YES
	Speed	Normal, REW & FF (recorded speed x2, x4, x8, x16, x32, x64), Frame to frame, Pause	Normal, REW & FF (recorded speed x2, x4, x8, x16, x32, x64), Frame to frame, Pause	Normal, REW & FF (recorded speed x2, x4, x8, x16, x32, x64), Frame to frame, Pause
	Device	Int. HDD	Int. HDD	Int. HDD
Network	Network Interface	10/100 Ethernet	10/100 Ethernet	10/100 Ethernet
	Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP
	Application	Windows XP/VISTA/7(PC Client system)	Windows XP/VISTA/7(PC Client system)	Windows XP/VISTA/7(PC Client system)
	Remote Software	Application Software, IE Browser	Application Software, IE Browser	Application Software, IE Browser
	Account	1 Admin + 10 Users	1 Admin + 10 Users	1 Admin + 10 Users
	CMS	Yes	Yes	Yes
	Mobile	Symbian, Windows Mobile, Blackberry, iPhone, Android phone	Symbian, Windows Mobile, Blackberry, iPhone, Android phone	Symbian, Windows Mobile, Blackberry, iPhone, Android phone
	Event Transport	E-mail, FTP	E-mail, FTP	E-mail, FTP
Backup	Interface	USB 2.0 or SATA	USB 2.0 or SATA	USB 2.0 or SATA

	Audio Backup	YES	YES	YES
	Network	YES	YES	YES
	Backup Device (Optional)	Network Backup / USB Flash Drive / USB DVD±RW	Network Backup / USB Flash Drive / USB DVD±RW	Network Backup / USB Flash Drive / USB DVD±RW
Alarm	Motion Detection	Detected Frames: Channel	Detected Frames: Channel	Detected Frames: Channel
		Sensitivity : 10 levels for each channel	Sensitivity : 10 levels for each channel	Sensitivity : 10 levels for each channel
		Area : Programmable individually	Area : Programmable individually	Area : Programmable individually
	Search (Event Criterion)	YES	YES	YES
Event Log	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)	
OSD & DVR Control	GUI	16-bit True Color	16-bit True Color	16-bit True Color
	Multi-Language	English, Traditional Chinese, Others	English, Traditional Chinese, Others	English, Traditional Chinese, Others
	Camera Title	Multi-Language	Multi-Language	Multi-Language
	USB Mouse	YES	YES	YES
	Touch Panel	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)
	Remote Controller	IR Remote Control (Max. 1 Device)	IR Remote Control (Max. 1 Device)	IR Remote Control (Max. 1 Device)
	System Upgrade	via USB / Network	via USB / Network	via USB / Network

	Hard Key	Front Panel	Front Panel	Front Panel
	Pan/Tilt/Zoom Control	Control From RS-485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)	Control From RS-485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)	Control From RS-485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)