



Hybrid DVR

Model		VVK-FHD-08U	VVK-FHD-16U
Video	Input	Combined HD-SDI 8ch(1080p/1080i/720p) and Analog 8ch(up to 960H)	Combined HD-SDI 16ch(1080p/1080i/720p) and Analog 16ch(up to 960H)
	1080P Transmission Length	350m on RG59 cable	350m on RG59 cable
	Output	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Audio	Input/Output	4ch / 1ch	4ch / 1ch
Display	Split Display	1/4/9	1/4/8/16
	HDMI Resolution	1080p or 1080i	1080p or 1080i
	VGA Resolution	From 1024x768 up to 1920x1080	From 1024x768 up to 1920x1080
Recording	Compression (Video/Audio)	H.264 / ADPCM	H.264 / ADPCM
	Resolution(Pixel)	1080p(1920x1080), 720p(1280x720), 960H(960x540), 480H(480x240)	1080p(1920x1080), 720p(1280x720), 960H(960x540), 480H(480x240)
	Mode	Normal, Event(Alarm/Motion/Audio), Schedule	Normal, Event(Alarm/Motion/Audio), Schedule
	Max Recording Frame	120fps@1080p(NTSC) / 100fps@1080p(PAL) 240fps@1080i (NTSC) / 200fps@1080i (PAL)	240fps@1080p(NTSC) / 200fps@1080p(PAL) 480fps@1080i (NTSC) / 400fps@1080i (PAL)
Playback	Split Display	1/4/9	1/4/8/16
	Max Playback Frame	120fps@1080p(NTSC) / 100fps@1080p(PAL) 240fps@1080i (NTSC) / 200fps@1080i (PAL)	240fps@1080p(NTSC) / 200fps@1080p(PAL) 480fps@1080i (NTSC) / 400fps@1080i (PAL)
	Search Mode	Date & Time, Calendar, Event(Alarm/Motion/Audio), Bookmark, Thumbnail	Date & Time, Calendar, Event(Alarm/Motion/Audio), Bookmark, Thumbnail
	Mode	Play, REW & FF, Slow, Frame to Frame, Pause, Replay	Play, REW & FF, Slow, Frame to Frame, Pause, Replay
Network	Network Interface	10/100/1000 Mbps Ethernet (RJ-45)	10/100/1000 Mbps Ethernet (RJ-45)
	Network Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPOE(ADSL)	TCP/IP, SMTP, HTTP, DHCP, PPPOE(ADSL)
	Serial Communicaton	RS-485 Serial Port x2 (PTZ & Keyboard control)	RS-485 Serial Port x2 (PTZ & Keyboard control)
	Application(PC Client)	Windows 2000 / XP / Windows Vista	Windows 2000 / XP / Windows Vista
	Web Browser	Internet Explorer 5.0 Higher (DVRs Contorl or Viewing)	Internet Explorer 5.0 Higher (DVRs Contorl or Viewing)
	Event Transport	E-mail notification with JPEG when Event occurs	E-mail notification with JPEG when Event occurs
	Viewing / User Access	Remote Client, CMS, Mobile Viewer / Up to 25 users	Remote Client, CMS, Mobile Viewer / Up to 25 users
Storage & Backup	Storage Device	2 internal HDDs (up to 6TB)	2 internal HDDs (up to 6TB)
	Backup Interface	USB 2.0 x2, Via Network	USB 2.0 x2, Via Network
	Backup Device	Memory Stick, external HDD	Memory Stick, external HDD
	Backup File Format	EXE, AVI (Video Clip)	EXE, AVI (Video Clip)
Alarm	Sensor Input	4 (TTL)	4 (TTL)
	Relay Output	1 Relay	1 Relay
Control	System Log	Up to 2500 events(Alarm, Motion, Video&Power Loss, Power&Record On/Off)	Up to 2500 events(Alarm, Motion, Video&Power Loss, Power&Record On/Off)
	Controller	IR Remote Control / Mouse	IR Remote Control / Mouse
	Pan/Tilt Camera	Control From RS485 Interface / Via Network	Control From RS485 Interface / Via Network
	PTZ Protocol	13 models including Pelco-P, Pelco-D, Vista-PD, Samsung and LG	13 models including Pelco-P, Pelco-D, Vista-PD, Samsung and LG
Others	Operating System	Embedded Linux	Embedded Linux
	Power Source	DC 12V/3.5A	DC 12V/5A
	Power Consumption	40W	60W
	Weight	Unit/Box 3.0Kg / 4.0Kg	3.0Kg / 4.0Kg
	Dimension	Unit/Box 350(W)*250(D)*72(H)mm / 400(W)*340(D)*150(H)mm	350(W)*250(D)*72(H)mm / 400(W)*340(D)*150(H)mm