

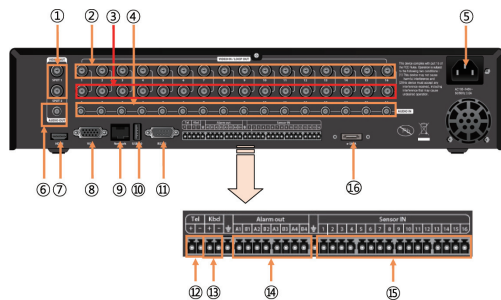
# HECO-4167



## FEATURES

- Up to 960H 700TVL Camera input
- Independent video output (1 HDMI, 1 VGA)
- Digital Zoom in (Display / Playback)
- Dual stream
- Up to 25 users
- USB 2.0 x 2ea, e-SATA
- E-Mail with JPEG image
- Auto DDNS with Mac address
- Mobile viewing with any 3G phone
- FSK telemetry, PELCO-C

## Real panel



- 1) Spot Monitor Outputs : Spot Video Output (Composite Video)
- 2) Video Intpus : camera inputs
- 3) Video Outputs : camera Loop outputs
- 4) Audio Input : Audio input through Line
- 5) AC Power Input : AC 100~240V 50/60Hz
- 6) Audio Output
- 7) HDMI Output : HDMI output (1080p)
- 8) VGA Output : VGA video output for main monitor (1024x768 to 1920x1080)
- 9) Network Port : Connecting to the DVR through Internet or LAN
- 10) USB Port : USB 2.0 port for mouse
- 11) RS232 : Serial Communication (for service)
- 12) PTZ Camera Controller : Serial Communication for Pan/Tilt Camera
- 13) Keyboard Controller : Serial Communication for P/T/Z Control Keyboard
- 14) Alarm Output : Alarm(relay) output port
- 15) Sensor Input : Sensor input ports
- 16) E-SATA Port : Port for e-SATA HDD

Others	
HDD	Support Max. 5 HDDs up to 15TB
Power Source	100~240V AC, 50~60HZ
Power Consumption	70W
Temperature	5°C ~ 40°C
Relative Humidity	Maxium 80% Non-Considering
Weight	Net: 5 Kg / Gross: 7 Kg
Dimension	Net: 450(W) x 90(H) x 370(D) mm Gross: 500(W) x 190(H) x 460(D) mm

## SPECIFICATION

MODEL	HECO-4167		
Video	Camera Input (NTSC,PAL)	16 BNC	
	Output	1HDMI, 1VGA, 2COMP	
	Loop	16	
Audio	Audio Input / Output	16 RCA / 1 RCA	
Sensor in (No,Nc) / Alarm Out		16 / 4	
Operating System		Embedded Linux OS	
Display	Speed	480 fps	
	HDMI/VGA Resolution	From 1024x768 up to 1920x1080P	
	BNC Resolution	720x480 or 720x576	
	Split Screen	Full Live	
Recording	Compression	H.264	
	Resolution (Pixel)	CIF/ 2CIF/ D1/ 960H	
	Picture Quality	3 Steps (Best, Good, Low)	
	Mode	Flexible record setting	
	Priority	Normal, Event, Alarm, Motion	
	Speed	480fps (960H)	
	Water Marking & Scrambling	Our Own Algorithm	
	Playback	Display	1, 4, 8, 16
		Search Mode	Date & Time, Calendar, Event (Alarm, Motion, Audio)
Speed		Normal, REW(*1,2,4,16) & FF(*1,*2,*4,*16,.) Frame to Frame, Pause	
Device		Internal HDD	
Still Image Capture & Save		JPEG, BMP Compression or Exclusive Fromat & USB I/F Device (Memory Stick)	
Network		Network Interface	Ethernet
	Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPOE(ADSL)	
	Serial Communicaton	RS-232 1each, RS-485 2ea (PTZ & Keyboard control)	
	Application	Windows7/ 2000 / XP(PC Client System) / Windows Vista	
	Web Browser	Internet Explorer 5.0 Higher (DVRs Control or Viewing)	
	Event Transport	E-mail notification with JPEG when Event Occurs	
	Viewing	Remote Client, CMS	
	Archive	Interface	USB 2.0x2ea , e-SATA
		Archive Device	Internal CD&DVD-RW / External HDD, CD&DVD-RW, Storage, Network, Memory Stick
Control	Motion Detection	Sensitivity : 5 Steps for each channel Area : Programmable motion detection area	
	Private Zone Mask	Programmable Private area	
	Alarm Hold Time	5~240 SEC	
	Event Log	Up to the 1000 events(Alarm,Motion,Video&Power Loss,Power&Record On/Off)	
	Controller	IR Remote Control / Mouse	
	Pan/Tilt Camera	Control From RS485 Interface	