

**KEY FEATURES:**

- 4-port PoE built-in
- Support up to 8MP
- Monitor outputs: 1-HDMI(4K), 1-VGA
- Alarm I/O: 4 - 1
- 2-HDD bays

TECHNICAL SPECIFICATIONS:

Model			Pro Series		
			EN-P400PHD	EN-P800PHD	EN-P1600PHD
	Camera input		4 PoE	8 PoE	16 PoE
Video	IP Camera	Spec	ONVIF 2.3, RTSP, H.264, dual stream		
		Num	4	8	16
	Output		1 HDMI (Main Display) 1 VGA (Main Display)		
Audio	Audio input		1 RCA		
	Output		1 RCA		
Sensor In			4 (NC, NO selectable)	8 (NC, NO selectable)	16 (NC, NO selectable)
Alarm Out			1 Relay		1 Relay, 3TTL
Operating System			Embedded Linux OS		
Display	Speed		Real Time		
	Resolution (Pixel)		1280X1024, 1280X720, 1920X1080, 3840X2160(HDMI only)		
	Split screen		1, 4	1, 4, 6, 8, 9	1, 4, 6, 8, 9, 13, 16
Main IPC	CODEC		H.264		
	Resolution (Pixel) / fps		main: upto 8MP @ 30 dual: upto 960x540		
	Total Bitrate		120 Mbps		
	Channel Bitrate		30 Mbps	15 Mbps	7.5 Mbps
Playback	Display		1, 4	1, 4, 6, 8, 9	1, 4, 6, 8, 9, 13, 16
	Search mode		Calendar, Event, POS, Panorama, Thumbnail		
	Fast/Slow speed		Normal, REW & FF [recorded speed x2, x4, x8, x16, x32, x64, x1/2, x1/4], Frame to frame, Pause		
	Backup device		External HDD, CD&DVD-RW, Network, Thumb Drive		
	Network Interface		Gigabit Ethernet		
The number of HDD			2 SATA + 1 eSATA(upto 12 bays, No capacity limit; 6TB or more)		
Function			• Full GUI with alpha blending	• Individual setting of resolution, frame rates and picture quality	
			• Instant Replay	• Digital Zoom	
			• Covert, Disable and Private function of cameras	• Motion Detection with 576 area setting	
			• Relay alarm output	• PTZ control by RS-485 and UTC	
			• Daylight Saving Time and Network Time Setting	• Multi User Authority up to 8 Users	
			• Deinterlacer upon live and playback	• Individual Network port setting	
			• Auto Deletion	• Import and Export the configuration	
			• Interactive setup via network	• POS Interface	
			• Dual CODEC engine for independent video transmission	• Mirroring	
			• HD spot		
Others	Power Consumption		96W (48V)		190W (SMPS)
	Operating Temperature		5~40 °C (41~104F)		
	Relative Humidity		Maximum 80% non-condensing		
	Dimension		380(W) X 340(D) X 50(H) mm		