

**KEY FEATURES:**

- 8-port PoE built-in
- Support up to 8MP
- Monitor outputs: 1-HDMI(4K), 1-VGA
- Alarm I/O: 8 - 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)
Operating Temperature			5~40 °C (41~104F)		
Relative Humidity			Maximum 80% non-condensing		
Dimension			380(W) X 340(D) X 50(H) mm		