

# PHOTON

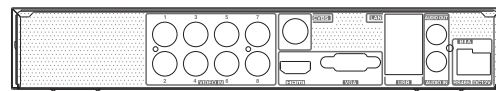
Security is Our Job!

PH-801HM5  
4K



- 8 CH TVI / AHD / CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 video input
- 8 CH DVR support 8CH 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 IP input by default
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface ( GUI ), window style operation by mouse
- Multi-mode recording: manual / timer / motion / smart event  
Playback : 8 CH simultaneously playback
- Search: time slice, time, event, tag and smart search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via IE or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

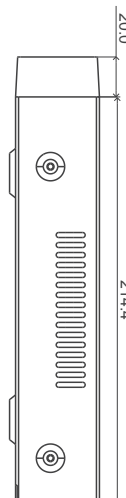
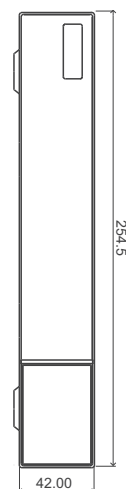
## 4K Hybrid XVR



### SPECIFICATIONS

### DIMENSIONS

Model		PH-801HM5
System	OS	Embedded Linux
Video	Analog Video Input	BNC ×
		BNC interface (1.0Vp-p; 75Ω)
		TVI/AHD/CVI : 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
	IP Video Input	
		Up to 8MP@30fps
	Total Input	6CH
	Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 BNC × 1 : CVBS ( used as the main or spot output )
Audio	Compression	H.264/H.265
	Input	RCA ×
	Output	RCA × 1 (linear, 600Ω)
	Two-way audio	Take up channel one audio input
Record	Compression	G.711(U/A)
	Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1
	Frame Rate	Analog Channel: 4K@6fps/7fps (PAL/NTSC) (4 CH DVR: only CH 1 supports; 8CH DVR: all channels support) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps / 15fps (PAL / NTSC) 4MP Lite/1080P/720P/WD1/D1@25fps / 30fps (PAL / NTSC) IP Channel: 25fps / 30fps (PAL / NTSC)
Playback	Bit Rate	32Kbps ~ 5Mbps
	Mode	Manual, timer, motion, smart event
	Playback	8CH
	Search	Time slice / time / event / tag search
Alarm	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
	Mode	Manual, motion, exception, smart event
	Input	No
Network	Output	No
	Interface	RJ 45 100Mbps × 1
	Protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP
	Incoming Bandwidth	32Mbps(Max. 64Mbps)
MobileDevice	Outgoing Bandwidth	80Mbps
	OS	iOS, Andriod
Storage	HDD	SATA× 1, up to 8TB per HDD
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	RS 485	RS 485 × 1, connect to PTZ or keyboard
	USB	USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	DC12V /2A
	Consumption	
	Dimensions(mm)	
	Working Environment	-10~50°C, 10%~90% (humidity)



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ANDROID



HD



H.265



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail