PHOTON

Security is Our Job!

PH-801HMP





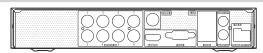
- 8 CH TVI / AHD/CVI 8MP/5MP/4MP/3MP/1080P/720P/WD1 video input
- 8 CH DVR support 8CH 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 IP input by default.
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (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



PHOTON

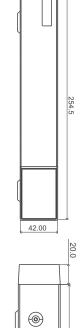
PH-801HM5

4K Hybrid XVR



SPECIFICATIONS

System OS	Model		PH-801HM5
Analog Video Input	System	os	Embedded Linux
Video TVIAHOUS (VIDEO SAME (STEED, SAME) (SAME) (SAM		Analog Video Input	BNC×
Video Video IP Video Input Cot			BNC interface (1.0Vp-p; 75Ω)
Video			TVI/AHD/CVI: 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
Video		IP Video Input	
Mount Mount 1.986 / 286 / 180	Video	ii video iliput	Up to 8MP@30fps
Output		Total Input	6CH
Input		Output	VGA×1:1920×1080/1280×1024/1024×768
Audio Two-way audio Take up channel one audio input		Compression	H.264/H.265
Two-way audio		Input	RCA ×
Two-way sudio Take up channel one audio input	Audio	Output	RCA × 1 (linear, 600Ω)
Record 4K/4K Lite/SMP/SMP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1 Record Analog Channel:		Two-way audio	Take up channel one audio input
Record Frame Rate Frame R		Compression	G.711(U/A)
Record Frame Rate		Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1
Mode Manual, timer, motion, smart event Playback 8CH Search Time slice / time / event / tag search 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 Output No Output No Interface RJ 45 100Mbps × 1 Protocol TCP / IP, PPPOE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps(Max. 64Mbps) Outgoing Bandwidth 30Mbps Mobile Device OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 x 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Diterst Dimensions(mm)	Record	Frame Rate	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) 4MPLite/1080P/720P/WD1/D1@25fps/30fps (PAL / NTSC)
Playback 8CH Search Time slice / time / event / tag search Playback 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 Output No Output No Interface RJ 45 100Mbps × 1 Network Protocol TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps(Max. 64Mbps) Outgoing Bandwidth 80Mbps MobileDevice OS IOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup Network Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard Port USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)		Bit Rate	32Kbps ~ 5Mbps
Playback Search Time slice / time / event / tag search		Mode	Manual, timer, motion, smart event
Playback 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 Output No Interface RJ 45 100Mbps × 1 Protocol TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP Incoming Bandwidth 32Mbps(Max. 64Mbps) Outgoing Bandwidth 80Mbps MobileDevice OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply Consumption Dimensions(mm)	Playback	Playback	
Smart Search events Function Play, pause, FF, FB, digital zoom, etc. Mode Manual, motion, exception, smart event Input No Output No Output No Interface RJ 45 100Mbps × 1 TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps(Max. 64Mbps) Outgoing Bandwidth 80Mbps MobileDevice OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply Consumption Dimensions(mm)		Search	Time slice / time / event / tag search
Alarm Mode Manual, motion, exception, smart event Input No Output No Interface RJ 45 100Mbps × 1 Protocol TCP/IP, PPP6E, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP Incoming Bandwidth 32Mbps(Max. 64Mbps) Outgoing Bandwidth 80Mbps MobileDevice OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup Network Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)		Smart Search	
Alarm		Function	Play, pause, FF, FB, digital zoom, etc.
Network Network	Alarm	Mode	Manual, motion, exception, smart event
Network		Input	No
Network Protocol TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps(Max. 64Mbps) Outgoing Bandwidth 80Mbps MobileDevice OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)		Output	No
Incoming Bandwidth 32Mbps(Max. 64Mbps) Outgoing Bandwidth 80Mbps MobileDevice OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup Local Backup U disk, USB mobile HDD Network Backup Yes Port USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)	Network	Interface	RJ 45 100Mbps × 1
Outgoing Bandwidth 80Mbps MobileDevice OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup Local Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)		Protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
MobileDevice OS iOS, Andriod Storage HDD SATA× 1, up to 8TB per HDD Backup Local Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)		Incoming Bandwidth	32Mbps(Max. 64Mbps)
Storage HDD SATA× 1, up to 8TB per HDD Backup Local Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)		Outgoing Bandwidth	80Mbps
Backup Local Backup U disk, USB mobile HDD Network Backup Yes RS 485 RS 485 × 1, connect to PTZ or keyboard USB USB 2.0 × 2 Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)	MobileDevice	os	iOS, Andriod
Network Backup Yes	Storage	HDD	SATA× 1, up to 8TB per HDD
Network Backup Yes	Backup	Local Backup	U disk, USB mobile HDD
Port USB USB 2.0 × 2 Remote Controller Optional Others Power Supply DC12V /2A Consumption Dimensions(mm)		Network Backup	Yes
Remote Controller Optional Power Supply DC12V /2A Consumption Dimensions(mm)	Port	RS 485	RS 485 × 1, connect to PTZ or keyboard
Others Power Supply DC12V /2A Consumption Dimensions(mm)		USB	USB 2.0 × 2
Others Consumption Dimensions(mm)		Remote Controller	Optional
Others Dimensions(mm)	Others	Power Supply	DC12V /2A
Dimensions(mm)		Consumption	
Working Environment -10~50°C, 10%~90% (humidity)		Dimensions(mm)	
		Working Environment	-10~50°C, 10%~90% (humidity)





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ANDROID

























USB