

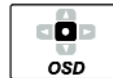


# WatchNET

Integrated Digital Technologies



HCPT-18X-N(P) / HCPT-26X-N(P) / HCPT-36X-N(P)



## 6 inch H.264 Network IP PTZ Camera

### System function:

- ❖ 1/4" SONY high performance CCD
- ❖ 3D intelligent positioning function
- ❖ Through software or DVR, it can realize tracking and enlarging
- ❖ High-precision motor with sensitive response and reliable movement
- ❖ Precision bias less than 0.1°
- ❖ No vibration under any selected speed
- ❖ OSD menu in multiple languages and operation hint capability
- ❖ Parameter restore function: restore PTZ & Lens status after reboot
- ❖ Power-off protection of setup parameters
- ❖ Built-in temperature sensor designed, with display of internal temperature
- ❖ IP66 rated
- ❖ Lightning protection, surge protection and voltage transient protection capabilities

### Network function:

- ❖ SDHC card and SD card
- ❖ Fiber Connector Option
- ❖ H.264 video compression and the latest Davinci processing chip and platform, ensuring stable and reliable performance
- ❖ Ethernet control and analog signal output
- ❖ View and control of video images via IE browser and client software
- ❖ Multiple network protocols supported: TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible)
- ❖ 1 audio input and 1 audio output
- ❖ 3 user levels defined for operation permission

### Camera function:

- ❖ 24 privacy masks programmable, with location and size adjustable; a maximum of 8 zones can be masked simultaneously on the same video screen (depending on different camera models)
- ❖ Auto iris, auto focus, auto white balance, backlight compensation and auto/manual day & night switch, and WDR function option

### PTZ function:

- ❖ 2 alarm inputs (7 alarm inputs option) and 2 alarm outputs, providing alarm response actions of preset/ patrol/ pattern/ SD card recording/ relay output / notification on client
- ❖ Proportional zoom function, with rotation speed adjusted automatically according to zoom multiples
- ❖ Park action: auto callup of preset / patrol / pattern / auto scan / random scan / frame scan / panorama scan, after a defined time of inactivity
- ❖ 4 patterns, with the total recording time not less than 10 min  
8 patrols, each patrol up to 32 presets
- ❖ 256 presets programmable; preset image freezing capability
- ❖ Manual pan speed of 0.3°~160°/220°/300°/s and manual tilt speed of 0.3°~60°/75°/90°/
- ❖ Limit stops programmable for preset, scanning and manual pan/tilt movement
- ❖ Max. pan preset speed of 400°/s and max. tilt preset speed of 200°/s
- ❖ 360° endless pan range and -5°-90° tilt range; auto flip capability

## Specifications:

Product		HCPT-18X-N(P)	HCPT-26X-N(P)	HCPT-36X-N(P)
Camera	Image Sensor	1/4 inch SONY EXVIEW CCD		
	Effective Pixels	PAL: 752 (H) × 582 (V) / NTSC: 768 (H) × 494 (V)		
	Signal System	PAL / NTSC		
	Min. Illumination	1.4Lux/F1.4(Color) / 0.01Lux/F1.4(B/W)		
	Electronic Shutter	NTSC:1/4~1/10,000s / PAL:1/3~1/10,000s		
	Horizontal Resolution	480 TVL(Color) / 520 TVL(Color)		
	S/N Ratio	More than 50dB		
	White Balance	Auto / Manual / ATW / Indoor / Outdoor		
	BLC	On / Off		
	Day & Night	ICR		
	AGC	Auto / Manual		
	Digital Zoom	12x		
	Auto Focus	Auto / Semiautomatic / Manual		
	Privacy Mask	24 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen		
Lens	Aperture Range	F1.6-F4.5		
	Angle of View	57.8-1.7degree(Wide-Tele)		
	Min. Working Distance	10-1500mm(Wide-Tele)		
	Focal Length	4.1-73.8mm, 18X	3.5-91mm, 26X	3.4-122.4mm, 36X
	Zoom Speed	Approx.4.0s(Optical Wide-Tele)		
Pan and Tilt	Pan Speed	Pan Manual Speed: 0.3°~160°/220°/300°/s, Pan Preset Speed: 400°/s		
	Frame Rate	25 fps (704 × 576), 30fps (704 × 480)		
	Tilt Range	Tilt Manual Speed: 0.3°~60°/75°/90°/s, Tilt Preset Speed: 200°/s		
	Proportional Zoom	Support		
	Number of Preset	256		
	Patrol	8 patrols, each patrol up to 32 presets		
	Pattern	4 patterns, with the total recording time not less than 10 min		
	Parameter Restore	Support		
	Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan		
	PTZ Position Display	On / Off		
Freeze Frame	Support			
Network	Ethernet	10Base-T / 100Base-TX, RJ45 connector (Fiber Connector Option)		
	Frame Rate	704x576 (25fps)		
	Image Compression	H.264		
	Audio Compression	OggVorbis / 16kbps		
	Audio Mode	Off / Audio input / Audio output		
	Protocols	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible)		
	No. of Simultaneous Users	Up to 6 users		
	Dual Streams	Support		
	Mini SD Memory Card	Manual REC / Alarm REC., Compatible SDHC Standard Cards		
	User/Host Level	3 Levels: Administrator, Camera control, Live only		
Security Measures	User authentication (ID and PW), Host authentication (MAC address)			
Alarm	Alarm Input	2 inputs (7 inputs option)		
	Alarm Output	2 relay outputs, alarm response actions option		
	Alarm Actions	Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client		
Input / Output	Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC		
	Audio Input Audio Output	Audio input (LINE input), 2-2.4V[p-p]; output impedance: 1KΩ, ±10% Line level, impedance: 600Ω		
Client GUI	Camera Control	Pan / Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode		
	OSD	Up to 18 characters		
	Clock Display	Time: Week: Date, 6 formats on the Client		
General	Reading Patrol Message	Display and reading of preset message contained in each patrol via client software		
	Power Supply	24VAC (12V DC option)		
	Power Consumption	15W max(30W max with heater, outdoor dome)		
	Working Temperature/Humidity	-30°C ~ 65°C(outdoor) / -10°C ~ 50°C(indoor) 90% or less		
	Protection Level	IP66 standard (outdoor dome), TVS 3000V lightning protection, surge protection and voltage transient protection		
	Mount Option	Wall Mount:(White); Corner Mount: (White); Indoor pendant mount: (White);Ceiling Mount: (White)		
Dimension	243(mm) / 287(mm)			
Weight (approx.)	5kg			

All product specifications on this brochure are subject to change without notice.

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