



# HNPB124-IR-25X



## FEATURES

4MP TandemVu 4-inch 25X & IR PTZ

- Captures a large area and great details at the same time
- 2560 x 1440 Full HD resolution
- Secures an expansive area with 25× optical zoom and 16× digital zoom
- Expansive night view with up to 100 m IR distance & 30 m white light
- Focuses on human and vehicle targets classification based on deep learning
- Supports 12V DC & PoE+

Specifications	
Model Number	HNPB124-IR/25X
Image Sensor	[Bullet channel]: 1/3" Progressive Scan CMOS; [PTZ channel]: 1/2.8" progressive scan CMOS
Effective Pixel	2560 x 1440
Min. Illumination	[Bullet channel]: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light; [PTZ channel]: Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR
White Balance	Auto / Manual/ATW/Indoor/Outdoor/Daylight lamp/sodium lamp
AGC	Auto / Manual
Digital Noise Reduction	3D DNR
Backlight Compensation	BLC
Wide Dynamic Range	Digital WDR
Shutter Speed	1/1 s to 1/30000 s
Day & Night	IR Cut Filter
Digital Zoom	16X

Specifications	
Focus Mode	Auto / Semiautomatic / Manual
Len Focal Length	[Bullet channel]: 2.8 mm; [PTZ channel]: 4.8 to 120 mm, 25 × optical
Zoom Speed	Approx. 4.8 s
Angle of View	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view: 57.4° to 3° (wide-tele)
Min. Working Distance	10 ~ 1500 mm (Wide-Tele)
Aperture	Max. F1.6
Range	[Bullet channel]: Horizontal field of view: 96.1°, Vertical field of view: 52.1° □ Diagonal field of view: 113.3°; [PTZ channel]: Horizontal field of view: 55° to 2.4° (wide-tele), Vertical field of view: 33° to 1.4° (wide-tele), Diagonal field of view: 61.5° to 2.8° (wide-tele)
Speed	Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset speed: 240°/s; Tilt Manual speed: 0.1° ~ 120°/s, Tilt Preset speed: 200°/s
Proportional Zoom	rotation speed can be adjusted automatically according to zoom multiples
Number of Preset	300
Patrol	8 patrols, up to 32 presets per patrol
Park action	Pattern/Pan scan /Tilt scan/Frame scan/Panorama scan/Random scan
Power-off Memory	Support
IR distance	UP to 100m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Audio input	1 ch line in
Audio Output	1 ch
Alarm I/O	2/1
Network Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. Image Resolution	2560 x 1440
Frame Rate	[Bullet channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) [PTZ channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Image Compression	H.264 / H.264+ / H.265 / H.265+ / MJPEG
Audio Compression	G.711u / G.711a / G.726
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 20
Streams	Dual Streams
Mini SD Memory Card	Micro SD Slot, up to 256GB
User/Host Level	Up to 32 user, 3 Levels: Administrator, Camera control, Live view only
Security Measures	User authentication (ID and PW), Host authentication (MAC address), IP address filtering
Application programming	Open-ended API, support Onvif PSIA
Web Browser	IE7, IE8, IE9, Chrome 8 +, Firefox 3.5 +, Safari 5+
Power	12VDC, PoE+

Specifications	
Operating Temperature	-30°C to 65°C (-22°F to 149°F) ,humidity lower than 90%RH
Humidity	90% or less
Protection Level	IP66 standard TVS 6000V lightning protection, surge protection and voltage transient protection,IK10
Dimensions	Ø 166 mm × 375 mm (Ø 6.5" × 14.7")
Weight (approx.)	Approx. 2.4 kg (13.2 lb.)
Wall, Pendant Mount	W: HTH-602-ZJ, P: HTH-661(2)-ZJ
Pole, Corner Mount	P: HTH-602ZJ-POLE, C: HTH-602ZJ-CORNER