



HiLook  
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# 2MP 25× IR NETWORK SPEED DOME

HLPTZ-N4225I-DE



## KEY FEATURES

- 1/2.8" progressive scan CMOS
- Up to 1920 x 1080 @ 30fps resolution
- Min. illumination:  
Color: 0.005 Lux @(F1.6, AGC ON)  
B/W: 0.001 Lux @(F1.6, AGC ON)  
0 Lux with IR
- Up to 100 m IR distance
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, BLC, Smart IR
- 12 VDC & PoE+ (802.3at, class4)
- Support H.265+/H.265 video compression
- Up to 24 programmable privacy masks
- Support ROI



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## SPECIFICATIONS

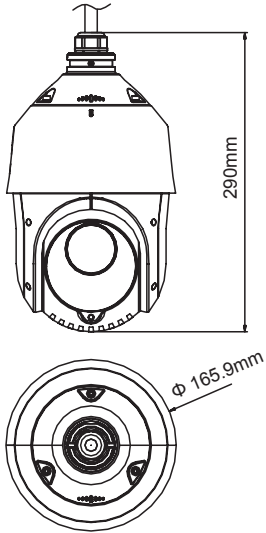
Model		HLPTZ-N4225I-DE
Camera Module	Image Sensor	1/2.8" progressive scan CMOS
	Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001 Lux @(F1.6, AGC ON) 0 Lux with IR
	White Balance	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/ Fluorescent Lamp/Sodium Lamp
	AGC	Auto/Manual
	Shutter Time	1/1 s to 1/30,000 s
	Day & Night	IR Cut Filter
	Digital Zoom	16x
	Privacy Mask	24 programmable privacy masks
	Focus Mode	Auto/Semi-automatic/Manual
	WDR	120 dB WDR
Lens	Focal Length	4.8 mm to 120 mm, 25x optical
	Zoom Speed	Approx. 3.6 s (optical lens, wide-tele)
	FOV	Horizontal field of view: 57.6° to 2.5° (wide-tele) Vertical field of view: 34.4° to 1.4° (wide-tele) Diagonal field of view: 64.5° to 2.9° (wide-tele)
	Working Distance	10 mm to 1500 mm (wide-tele)
	Aperture Range	F1.6 to F3.5
IR	IR Distance	100 m
	Smart IR	Support
PTZ	Movement Range (Pan)	360° endless
	Pan Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
	Movement Range (Tilt)	From -15° to 90° (Auto-flip)
	Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
	Proportional Zoom	Support
	Presets	300
	Patrol Scan	8 patrols, up to 32 presets for each patrol
	Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
	Power-off Memory	Support
	Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
	PTZ Position Display	Support
	Preset Freezing	Support
	Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
	Compression Standard	Video Compression
H.264 Type		Baseline Profile/Main Profile/High Profile
H.264+		Support
H.265 Type		Main Profile
H.265+		Support
Video Bitrate		32 Kbps to 16384 Kbps
Audio Compression		G.711alaw/G.711ulaw/G.722/G.726/MP2L2/PCM
Audio Bitrate		64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 160 Kbps (MP2L2)
SVC		Support



Model		HLPTZ-N4225I-DE	
Smart Feature	Basic Event Detection	Motion Detection, Video Tampering Detection, Exception Detection	
	Smart Event Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	
	ROI	Main stream, sub-stream and third stream respectively support four fixed areas.	
	Smart Record	ANR (Automatic Network Replenishment), Dual-VCA	
Image	Max. Resolution	1920 × 1080	
	Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	
	Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)	
	Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)	
	Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus	
Network	Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	
	Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour	
	API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform	
	Simultaneous Live View	Up to 20 channels	
	User/Host	Up to 32 users. 3 levels: Administrator, Operator and User	
	Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering	
	Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect	
	Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51	
	Interface	Audio Interface	1-ch audio input and 1-ch audio output
		Network Interface	1 RJ45 10 M/100 M Ethernet, PoE+ (802.3 at, class4)
General	Power	12 VDC and PoE+ (802.3 at, class4) Max.: 18 W (Max. 7W for IR)	
	Working Temperature	-30°C to 65°C (-22°F to 149°F)	
	Working Humidity	≤ 90%	
	Protection Level	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	
	Material	ADC 12, PC+10% GF	
Dimensions	Φ 165.9 mm × 290 mm (Φ 6.53" × 11.42")		
Weight	Approx. 2.5 kg (5.51 lb)		



**DIMENSIONS**



**ACCESSORIES** \*not all products stocked

Wall Mounting Bracket DS-1618ZJ	
Wall Mounting Bracket DS-1602ZJ	
Corner Mounting Bracket DS-1602ZJ-corner	
Vertical Pole Mounting Bracket DS-1602ZJ-pole	
Wall Mounting Bracket with Junction Box DS-1602ZJ-box	
Ceiling Mounting Bracket DS-1663ZJ	
In-ceiling Mounting Bracket DS-1671ZJ-SDM9	
Pendant Mounting Bracket DS-1661ZJ	
Pendant Mounting Bracket DS-1662ZJ	
Gooseneck Mounting Bracket DS-1619ZJ	
Network Keyboard DS-1100KI	
USB Joy-stick DS-1005KI	

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