



**Model: KNT-IP667-PTI Series ( Hikvision DS-2ZMN2007 HD module)**

**“This high definition IP camera supports Hikvision network protocol and SDK, seamless joint with Hikvision platform software and NVR”**

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**Product Name: Network HD IR High Speed Dome Camera**

**Application:**

It can be widely used in wide range environments which required monitoring, e.g. river, forest, highroad, railway, airport, port, oil field, sentry, piazza, park, scenic zone, street, station, venue, parcel surrounding, and etc.

**Product Introduction:**

**1. IR Function**

- 1) Minimum Illumination 0.05 Lux.
- 2) Adopt efficient IR array lights, low power consumption, IR distance 150m.
- 3) Constant current circuit design, IR lights enjoy 30,000 hours life-time.

**2. System Function**

- 1) Adopt high-performance 1/2.8” Progressive Scan CMOS, resolution can be up to 1980x1080.
- 2) Precision stepping motor subdivision technology, good responsive, smooth operation, minimum rotational speed 0.6 ° / S. In conditions of high magnification, can move the image precisely and stable. No vibration under any speed.
- 3) Network coding function, support ONVIF and 28181 protocols.
- 4) Support standard API develop connection port, support Hikvision SDK, ONVIF, CGI and PSIA protocol.
- 5) Support multi-language IE interface and operating prompts, user-friendly interface.
- 6) Support system dual backup function to make sure no data lost when power off.
- 7) Support power-off memory function, when re-power on, it auto back to the before status.
- 8) Support lightning protection, anti-surge, anti-surge function.
- 9) Outside weather-proof level up to IP66
- 10) with 3D mouse positioning function.
- 11) Support Audio Input and Output; support 2 in 1 alarm signal; Support CVBS analog signal output.

### Zoom module function

- 1) support auto iris, auto-focus, AWB, BLC
- 2) support ultralow illumination, 0.05Lux/F1.4 (color), 0.01Lux/F1.4 (B/W), 0Lux with IR
- 3) support 3DNR, D-WDR
- 4) effective pixel is 2.0MP (1080P)
- 5) support audio, 2 input 1 output alarm
- 6) 20x optical zoom

### 3. Network function

- 1) TI platform, stable and reliable performance
- 2) support Ethernet control
- 3) can view video by IE browser and Client software
- 4) support dual-stream, H.264/MJPEG compression, multi-level video quality configuration, real-time video output in 1080P&720P
- 5) support multi network protocols: HTTP, HTTPS, RTSP, FTP, PPPOE, TCP/IP, DHCP, DDNS, NTP, UPnP

### 4. PTZ control

- 1) adopt network communication protocol
- 2) Pan 200°/s, tilt 75°/s continuous rotation, continuous monitoring after 180°auto-flip, no surveillance blind zone
- 3) Pan speed 0.6°-200°, tilt speed 0.8°-75°; support proportional zoom, rotation speed auto adjust according to lens zoom times

### Specification:

	Model No.	KNT-IP667-PTI (wall mounted/ceiling)
Zoom module	Image sensor	1/2.8" Progressive Scan CMOS
	Effective pixel	2.0 Megapixels
	Minimum Illumination	Color: 0.05Lux @ (F1.4 ^ AGC ON), B/W: 0.01Lux @ (F1.4 ^ AGC ON) ^ 0 Lux with IR
	White balance	auto / manual / auto-tracking /outdoor/indoor/fluorescent lamp/sodium lamp
	Gain control	auto/manual
	SNR	More than 50Db
	Sharpness	adjustable
	Image	Overturn/mirror
	Slow shutter	Support
	Slow exposure	Support
	Exposure mode	Auto/manual
	Noise reduction level	0/1/2/3/4/5
	BLC	ON/OFF
	Iris control	Manual/auto
	WDR	Support
	Shutter	1/1-1/30,000s
Day/night mode	Auto ICR color to black	

	Focus mode	Auto /manual/one-time auto-focus
	Focus control	Manual/auto
	Focal length	4.7- 94mm <sup>^</sup> 20x optical
	Zoom speed	About 2.7 sec. (optical, wide angel-telescope)
	Horizontal view angel	61.4-2.9 degrees ( wide angel-telescope)
	Min. focal length	100-1500mm( near-far)
	f-number	F1.6-F3.5
Function	IR distance	120-150M
	IR angle	adjustable
	Pan speed	0-6°-200°/S
	Tilt speed	0.8°-75°/S
	Tilt range	0°-90°, auto-flip 180°
	Manual speed	High, medium, low (adjustable)
	Proportional Zoom	Support
	Number of Preset	220
	Patrol	8
	Pattern	4
	Scan between two presets	support
	Park Action	presets/pattern/patrol/scan between two presets/ auto
Area-limit	support	
Network	Max. image size	1980X1080
	Frame rate	50Hz: 25 FPS(1980×1080); 60Hz: 30 FPS (1920×1080)
	Video compression	H.264/MJPEG
	Network protocol	HTTP,HTTPS,RTSP,FTP,PPPOE,TCP/IP,DHCP, DDNS, NTP, UPnP, SMTP, UPnP
	Dual-stream	Support
	User permission	Max. 32 users (3-level: administrator, operator, only browse )
	Safe mode	Authorized user & password
	Network interface	Built-in RJ45 port <sup>^</sup> support 10M/100M
	API	Support ONVIF, 28181; Support the Third-party management platform Provide SDK
	Client	Support PC, NVR
	service function	Support WEB configuration, OSD, real-time video transmission, motion detection, capture (in JPEG format)
Input/output	Menu	Chinese/English
Others	PTZ control protocol	Network
	Power Supply	DC 12V/4A
	Power Consumption	MAX. 10W (day); MAX. 30W (night)
	Working Temperature/Humidity	-20°C -60°C , ≤90%RH( frostless )

	Protection Grade	TVS3000V lightning protection, surge protection and voltage transient protection, weather proof: IP66
	Package size (mm)	300x300x470
	Weight (Kg)	6.5KG

**Structure Dimension:**



