

## HDS-PT3220IR-A/3320IR-A 2MP/3MP Network IR PTZ Camera



Hikvision DS-2DY3220IW/3320IW-D/D4 Network IR PTZ Cameras are able to capture high quality images in low light environment with its black anti-reflective glass. The black anti-reflective glass increases the luminousness which can reach up to 150m IR distance.

Embedded with 1/2.8" progressive scan CMOS chip makes WDR and 2MP/3MP real-time resolution possible. With the 20X optical zoom Day/Night lens, the camera offers more details over expansive areas.

- 1/2.8" Progressive Scan CMOS
- 1920 x 1080/ 2048 x 1536
- Support H.265 Video Compression
- 20X Optical Zoom
- WDR
- 3D intelligent positioning function
- Up to 150m IR distance
- 12VDC & POE+



## Function Description

### Basic function

- High performance CMOS, up to 1920 x 1080/ 2048 x 1536 resolution.
- $\pm 0.1^\circ$  Preset Accuracy.
- ONVIF(Open Network Video Interface Forum), CGI(Common Gateway Interface), PSIA(Physical Security Interoperability Alliance), to ensure greater interoperability between different platforms and compatibility.
- IP66 standard.

### Smart Function

- Smart image processing: support defog, HLC/BLC.
- Smart codec: low bit rate, ROI.
- Smart detection: support intrusion detection, line crossing detection, audio exception detection.

### Camera function

- Auto iris, auto focus, auto white balance, backlight compensation and auto day & night switch.
- Min. Illumination: Color: 0.05Lux @ (F1.6, AGC ON), B/W: 0.005Lux @ (F1.6, AGC ON).
- Support 8 privacy masks.
- 1 audio input and 1 audio output.

### PTZ functions

- 360° endless pan range and  $-40^\circ \sim 30^\circ$  tilt range.
- $0.1^\circ \sim 60^\circ/s$  Manual Pan Speed and  $0.1^\circ \sim 30^\circ/s$  Manual Tilt Speed.
- 300 presets programmable; preset image freezing capability.
- 8 patrols, up to 32 presets per patrol.
- 4 patterns, with the recording time not less than 10 minutes per pattern.
- Proportional zoom function.
- Park action: auto call up of PTZ movement, after a defined time of inactivity.
- Power-off memory: restore PTZ & Lens status after reboot.

### Network function

- H.264/MJPEG video compression.
- H.264 encoding with Baseline/Main/High profile.
- ROI(Region of Interest) encoding.
- Built-in Web server.
- Onboard storage, up to 128GB.
- Support up to 8 NAS storage; Edge recording (transmit the videos from SD card to the NAS after network resumed).
- HTTPS encryption and IEEE 802.1X port-based network access control.
- Support trip-streams.
- Multiple network protocols supported: IPv4/Ipv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE.



Menu	English
3D Positioning	Support
Preset Freezing	Support
Scheduled Task	Support
Alarm I/O	1 alarm inputs, 1 alarm output, Support alarm linkage
Alarm Action	Preset / Patrol / Pattern / SD card recording/ Aux output/ E-map on Client
Audio I/O	1/1
Ethernet	1 RJ45 10M/100M Ethernet interface
CVBS Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
RS485	Half duplex, Pelco-P, Pelco-D, self-adaptive
Onboard Storage	Built-in Micro SD/SDXC card slot, up to 128GB, manual/alarm recording
Number of Simultaneous Live View	20
User/ Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
<b>General</b>	
Power	DC 12V & POE+, MAX. 19W
Working Temperature/ Humidity	-30 °C – 65 °C (Outdoor), Humidity 90% or less
Protection Level	IP66 standard, TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions(mm)	367 × 122 × 241(-DE) / 255 × 129 × 194(-DE4)
Weight	3kg

## Dimensions

