

ENP112-IR/25X

2MP 25X Network IR PTZ Dome Camera

Key features

NP112-IR/25X PTZ Dome Cameras are able to capture high quality images in low light environment with its black anti-reflective glass. The black anti-reflective glass increase the luminousness which can reach up to 100m IR distance. Embedded with 1/2.8" progressive scan CMOS chip makes DWDR and 2MP real-time resolution possible. With the 20X optical zoom Day/Night lens, the camera offers more details over expansive areas.

NP112-IR/25X PTZ Dome Cameras also features a wide range of functions, including intrusion detection, line crossing detection benefitting users with great improvement on security efficiency, more importantly, with key events / objects being recorded for further forensic needs.

- 1/2.8" Progressive Scan CMOS
- 1920 x 1080
- 25X Optical Zoom
- DWDR
- 3D intelligent positioning function
- Support cloud P2P
- Up to 100m IR distance
- 12VDC & POE(802.3at)



Function Description

Basic Function

- High performance CMOS, up to 1920x1080 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
- 3D intelligent positioning function
- Power-off memory function: restore PTZ & Lens Status after reboot.
- IP66 standard
- Support cloud P2P

Funtions

- Detections: intrusion detection, line crossing detection, audio exception, motion detection
- Recording: edge recording, support smart search in smart NVR
- Support low bit rate, ROI

Camera Function

- Auto iris, auto focus, auto white balance, backlight compensation and auto day & night switch
- Min.Illumination: 0.05Lux@(F1.6, AGC ON)(Color), 0.01Lux@(F1.6, AGC ON)(B/W), 0 Lux with IR
- Support 8 privacy masks

PTZ Function

- 360° endless pan range and -15°~ 90° tilt range
- 80°/s Pan Preset Speed and 80°/s Tilt Preset Speed
- 0.1°~ 80°/s Manual Pan Speed and 0.1°~ 80°/s Manual Tilt Speed
- 300 presets programmable
- 8 patrol, up to 32 presets per patrol

Network Function

- H.264/MJPEG video compression and the latest processing chip and platform
- Built-in Web server
- Micro SD card local storage, up to 128GB
- Support up to 8 NAS storage; Transmit the videos from SD card to the NAS after network resumed
- HTTPS encryption and IEEE 802.1x port-based network access control
- Support three stream; H.264/MJPEG video compression; Basic and advanced video configuration; Real time video at 1080P or 720P
- Multiple network protocols supported: IPv4/IPv6, TCP/IP,HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, ftp, 802.1x, QoS, HTTPS
- 1 audio input and 1 audio output

IR Function

- 0 Lux minimum illumination
- Up to 100m IR distance
- IR light MTBF reaching up to 30,000 hours
- Smart IR mode

Specifications

ENP112-IR/25X	
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	F1.6, AGC On: Color: 0.05 lux, B/W: 0.01 lux, 0 lux with IR
Max. Image Resolution	1920×1080
Focal Length	4.7-117.50mm, 25x
Digital Zoom	25X
Zoom Speed	Approx. 3s(Optical Wide-Tele)
Angle of View	58.3-3.2 degree (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
Aperture Range	F1.6~F3.5
Focus Mode	Auto / Semiautomatic / Manual
DWDR	Support
Shutter Time	1-1/10,000s
AGC	Auto / Manual
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
Day & Night	IR Cut Filter
Privacy Mask	8 privacy masks programmable

Enhancement	3D DNR, Defog, HLC/BLC, EIS
Pan and Tilt	
Range	Pan:360° endless; Tilt: -15°~90°(Auto Flip)
Speed	Pan Manual Speed: 0.1°~80°/s, Pan Preset Speed: 80°/s Tilt Manual Speed: 0.1°~80°/s, Tilt Preset Speed: 80°/s
Number of Preset	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 pattern scans, record time over 10 minutes for each
Park Action	Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan
Scheduled Task	Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Dome adjust/Aux output
Features	
Detection	Intrusion detection, Line crossing detection, Motion detection
ROI Encoding	Support 4 areas with adjustable levels
Infrared	
IR Distance	Up to 100m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Stream	Support three Streams
Main Stream	50Hz: 25fps (1920x1080, 1280x960, 1280x720), 50fps(1280x960,1280x720); 60Hz: 30fps (1920x1080, 1280x960, 1280x720), 60fps(1280x960,1280x720);
Sub Stream	50Hz: 25fps (704x576, 640x480,352x288);60Hz: 30fps (704x480,640x480,352x240);
Three Stream	50Hz: 25fps (1920x1080, 1280x960, 1280x720, 704x576, 640x480, 652x288 60Hz: 30fps (1920x1080, 1280x960, 1280x720, 704x480,640x480,352x240
Image Compression	H.264/MJPEG
Audio Input	1 audio input (Mic/Line in), 2-2.4V[p-p]; output impedance: 1kΩ,±10%
Audio Output	1 output, Line level, impedance: 600Ω
Audio Compression	G.711/G.722/G.726/MP2L2
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 users
Mini SD Memory Card	Support up to 64GB Micro SD/SDHC/SDXC card. Support Edge recording
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW); Host authentication (MAC address); IP address filtering
System Intergration	
Application Programming	Open-ended API, support ONVIF, PSIA and CG, Support cloud P2P
Web Browser	IE 7+ Chrome 18+, Firefox 5.0+, Safari 5.02+
Power	12 VDC & PoE (802.3at, class4), Max.20W
Working Temperature	-30°C ~ 65°C (-22°F ~ 149°F)
Humidity	90% or less
Protection Level	IP66, TVS 4,000V lightning protection, surge protection and voltage transient protection
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC/EN60950-1
Dimensions	Φ164.5(mm)×295(mm)
Weight	2kg (4.4lbs)

Dimensions

