WIP4NPTZ25P

PTZ CAMERA

4MP H.265 IP IR 4" 25x Optical Zoom PTZ Camera with Starlight and PoE

ONVIF®

genie
NDAA
Compliant

Key Features

- Face recognition
- Face comparison
- Target counting
- Alarm triggering by human or vehicle
- Smart human or vehicle tracking, manual tracking, auto tracking (via software setting)
- 1/2.7" progressive scan CMOS
- Up to 2560 x1440 resolution

- Minimum illumination: Colour: 0.01Lux @ (F1.65, AGC ON); B/W: 0.002Lux @ (F1.65, AGC ON);0Lux with IR120 dB WDR, 3D DNR, Smart IR
- Smart IR with distance to 160m
- IP66 ingress protection
- Up to 160m IR distance
- Smart H.265/H.264 video compression
- 0.5Tops Deep-learning Engine

- Smart tracking of human/vehicle
- Smart detection and perimeter protection
- IP66,-30℃~55℃, ADC12 + PC/GF
- PoE+ (802.3.at, class 3) and DC12V
- API and SDK
- Requires WPTZWB bracket

The Genie **WIP4NPTZ25P** is a powerful PTZ camera with accurate pan, tilt and zoom performance. The camera provides a wide monitoring range as well as a full 4MP high definition resolution at 25/30fps. The camera is rated IP66 which means it works well outdoors with effective protection against lightning. The camera also features AI functions such as face recognition, face comparison and tracking.

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Specification

Camera

Image Sensor	1/2.7" progressive scan CMOS, BSI, NIR+
Minimum Illumination	Colour: 0.01Lux @ (F1.65, AGC ON); B/W: 0.002Lux @(F1.65, AGC ON);0Lux with IR
Image Setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
Shutter Speed	50Hz: 1/25s ~1/25,000s; 60Hz: 1/30s ~ 1/30,000s
White Balance	Auto/Manual/Indoor/Outdoor
Gain	Auto/Manual
Day & Night	Auto/Manual ,time schedule
Iris Control	Auto/Manual
Privacy Mask	4 areas, up to 8 per request
3D DNR	Auto/Manual
SNR	≥52dB
AE Enhancement	BLC, HLC, WDR
Picture overlay	Logo picture could be overlaid on video with 128×128pixels,24bits BMP format
OSD overlay	Max 15 characters/line, 8 lines, white or red font color

Lens

Focus Length	f=4.8–120mm lens,25x optical zoom
Zoom Speed	Approx. 3.6s (optical zoom, wide-tele)
Field of View	Horizontal: 55°~2.4°±5%; Vertical: 33°~ 1.4°±5%; Diagonal: 61.5°~ 2.8°±5% (wide-tele)
Working Distance	Wide: 1.0m ~ INF; tele: 1.5m ~ INF
Aperture Range	F1.65 ~ F3.8 (wide-tele)
Iris type	DC-IRIS, 16 Stops
IRCut type	Removable IRCut filter, with blue diamond glass to remove image flare and ghost

Smart Features

Basic Event	Motion detection, Video tampering alarm, Exception(Network disconnected, IP address conflict, SD full, SD error)
Face Recognition	Default off, Detecting max 15 faces at same scene. Detecting, tracking, capturing
Road traffic	Vehicle detecting and tracking
Smart Detection	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, etc. More VCA per request
Smart Tracking	Smart tracking of human or vehicle, auto/manual

PTZ

Pan Range	360°endless
Pan Speed	Configurable, from 0.1~200°/s; Preset speed: 240°/s
Tilt Range	From -10°to 90°,auto flip
Tilt Speed	Configurable, from 0.1°~ 200°/s, Preset speed: 240°/s
Proportional Zoom	Yes
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Trace	4 traces, record time over 3 minutes for each trace
Power Off Memory	Support
Action Mode	Preset/Cruise/Trace/Auto Scan/ Random Scan
3D Positioning	Support
PTZ Position Display	Support
Schedule Task	Preset/Cruise/Trace/Random Scan/ Boundary Scanning /Dome reboot

Network

Maximum Resolution	2560×1440
Main Stream	50Hz: 25fps: 2560×1440,1920×1080,1280×960,1280×720; 60Hz: 30fps: 2560×1440,1920×1080,1280×960,1280×720
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)
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
H.264 Standard	H.264/AVC codec BP/MP/HP, Level 5.1
H.265 Standard	H.265/HEVC codec MP, level 5.0
Video Bit Rate	64Kbps to 8Mbps
Audio compression	G.711 A/U
Audio Bit Rate	64K bps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE
Simultaneous live view	Up to 6 channels
User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering

Specification

System Integration

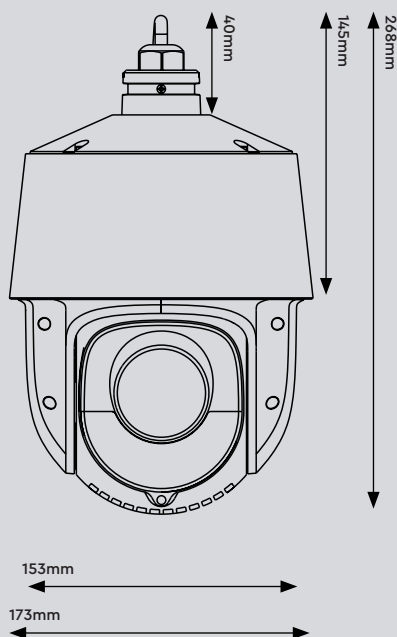|	
Alarm Interface	1 Alarm input(Dry contact); 1 Alarm output
Audio Interface	1 audio input(MIC in); 1 audio output, line level, impedance,600Ω
Alarm Linkage	Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Upload to FTP/Memory Card, Send Email, etc.
Network Interface	1 RJ45 10M/100M Adaptive Ethernet ,Support PoE+
SD Card Slot	One MicroSD slot, up to 256G
RS485	N/A
Reset button	Yes
Heater	Yes
Fan	Yes
Water removal	Remove water-drops by quick spinning, blow hot air to glass to remove frost, ice
API	ONVIF, support SDK and third-party management platform
Client	N9000 1.4.5, NVMS 2.0; and the third-party client
Web Browser	IE8–11

IR

IR Distance	160m(525 f.t.), dual stack IR LED Array
Smart IR	Yes

Others

Languages	Czech; English, German ; Hungarian ; Italian ; Japanese ; Korean ; Portuguese, Polish; Russian, Romanian, Spanish; Spanish(Mexico);Simplified Chinese; Turkish; Traditional Chinese.
Power	DC12V or PoE+ (802.3.at, class 3), (Max 22W, include IR on, Heater on, Fan working)
Working Conditions	-40°C ~ 60°C (-40°F ~ 140°F), Cold start at – 30°C(30minutes waiting); 90%RH
Storage Conditions	-40°C ~ 70°C ; ≤ 95% RH
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	Aluminum Alloy + Plastic/GF15%
Certification	IP66,IK10(excluding glass window),ROHS,CE,FC
Dimensions	Φ 173mm × 268mm (Φ6.8 inch ×10.55 inch)
Weight	Approx. 2.1 Kg (4.63 lb.)

Dimensions

40mm
145mm
268mm
153mm
173mm

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Accessories

WPTZWB
Wall Bracket for
WIP2PTZ18P PTZ Dome
Camera – White

WIPPTZCB
Ceiling Mount Bracket for
WIP PTZ Cameras – White

WIPMPPM
Multi Purpose Pole Mount
Bracket – White

WIPMPCM
Multi Purpose Corner
Mount Bracket – White

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