



HIKVISION
HiWatch Series

IP PTZ camera of 2 megapixels and optical zoom lens

HWP-N5225IH-AE

VIDEO (CAMERAS)

Video Resolution	2 Megapixels
BLC	Yes
HLC	Yes
3D-NR	Yes
AGC	Yes
AWB	Yes
WDR	WDR (120 dB)
Images per second	25fps
Video output	RJ45
Day / night mode	Automatic / Manual
Digital Zoom	16x
Privacy mask	Up to 24 zones
Anti fog system	Yes
Bit rate	32Kbps ~ 16384Kbps
Compression	H.265+ / H.265 / H.264
Main stream	1080P / 1.3Mpx / 720P (1 ~ 25fps)
Sub stream	704 × 576 / 640 × 480 / 352 × 288 (25fps)
Sub stream 2	1080P / 1.3Mpx / 720P / 704 × 576 / 640 × 480 / 352 × 288 (1 ~ 25fps)

PTZ

Pan / Tilt Range	Horizontal 360° / Vertical -15 ~ 90° with autoflip
Manual speed control	Horizontal 120°/s / Vertical 80°/s
Speed between presets	Horizontal 120°/s / Vertical 80°/s
Memories	300
PTZ mode	8 Tour between established points, 4 rounds
Position after power failure	Return to the position before the fault
Idle mode	Preset / Pattern Scan / Patrol Scan / Auto Scan / Tilt Scan / Random Scan / Frame Scan / Panorama Scan / Dome Reboot / Dome Adjust

DISTANCE DORI

Detect (Open lens)	75
Detect (Closed Lens)	1760 m
Observe (Open lens)	30 m
Observe (Closed lens)	700 m
Recognize (Open lens)	15 m
Recognize (Closed lens)	352 m
Identify (Open lens)	8 m
Identify (Closed lens)	176 m

NETWORK FEATURES

IP connection	1 RJ45 (10M / 100M)
ONVIF	Yes
Maximum number of users	Up to 32 users
Password protection	Yes
Web browser	Explorer / Chrome / Firefox
Management software	iVMS-4200 / Hik-Connect
Live view	Up to 20 channels
IP address filter	Yes

VIDEO ANALYSIS

Detection type	Line/area crossing detection
Crossing line	Yes
Intrusion	Yes
Motion detection	Yes
Abandoned object	Yes
Missing object	Yes
Video Tamper	Si

IMAGE

Sensor	CMOS ®
Sensor resolution	1920 x 1080
Sensor Size	1/2.8'
Electronic shutter speed	1/1s ~ 1/30,000s
Minimum lighting	Color: 0.005Lux / B/W: 0.001Lux

technical datasheet

Configuration of tours, rounds and positions preset by time	Yes
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LENS

Lens Type	Optical zoom
Optical zoom	25x
Focal distance	4.8 mm ~ 120 mm
Maximum diaphragm opening	F/1.6
Angle of View	57.6° ~ 2.5°
Autofocus	Yes
Zoom speed	3.6 s

POWER CONSUMPTION

Power mode	AC
Voltage	24V
Consumption (w)	18W
Amperage	2200mA
PoE power	Yes
Type PoE	PoE+ 802.3at

AMBIENT

Operating temperature	-30 °C ~ 65 °C
Degree of protection	IP66
Use	Indoor-outdoor
Maximum humidity	90%
Lightning protection	4KV

GENERAL INFORMATION

Serie	HiWatch
Technology	IP
Type of camera	PTZ

STORAGE

MicroSD-Card	Up to 256Gb
Storage Systems	NAS / Micro SD / Recorder
ANR (Redundant Recording in SD)	Yes

INPUTS/OUTPUTS (CAMERAS)

Alarm	2 Entradas / 1 Salida
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MATERIAL AND DIMENSIONS

Dimensions	345 x 213.4 (Ø) mm
Material	Aluminium alloy
Net weight	3300 g
Weight with packaging	5800 g

AUDIO(CAMERAS)

Audio input	1 Input
Audio compression	G.711A / G.711U / G.722.1 / G.726 / MP2L2 / PCM
Bit rate	64 Kbps (G.711A / G.711U) / 16 Kbps (G.722.1 / G.726) / 32 ~160 Kbps (MP2L2 / PCM)
Audio output	1

NIGHT VISION

Night vision distance	150 m
Type of night vision	IR
Smart IR	Yes

AXES

Motion	2-Axis
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