



HIKVISION
HiWatch Series

Ptz ip camera of 2 megapixels and optical zoom lens

HWP-N4225IH-DE

VIDEO (CAMERAS)

Video Resolution	2 Megapixels
BLC	Yes
HLC	Yes
3D-NR	Yes
WDR	WDR (120 dB)
Video output	RJ45
Digital Zoom	16x
Privacy mask	Yes
Bit rate	32Kbps ~ 16384Kbps
Compression	H.265+ / H.265 / H.264
ATW	Yes
EIS	Yes
Main stream	1080P / 720P (1 ~ 25fps)
Sub stream	704 × 576 / 640 × 480 / 352 × 288 (25fps)
Sub stream 2	720P / 704 × 576 / 640 × 480 / 352 × 288 (1 ~ 25fps)

NETWORK FEATURES

IP connection	1 RJ45 (10M / 100M)
ONVIF	Yes
Maximum number of users	Up to 32 users
Management software	iVMS-4200 / iVMS-4500 / iVMS-5200 / Hik-Connect
Mobile devices	Android / IOS (Apple)
Live view	Up to 20 channels
IP address filter	Yes

LENS

Lens Type	Optical zoom
Optical zoom	25x
Focal distance	4.8 mm ~ 120 mm
Maximum diaphragm opening	F/1.6 ~ F/3.5
Angle of View	57.6° ~ 2.5°
Autofocus	Yes

POWER CONSUMPTION

DISTANCE DORI

Detect (Open lens)	67 m
Detect (Closed Lens)	1420 m
Observe (Open lens)	27 m
Observe (Closed lens)	565 m
Recognize (Open lens)	14 m
Recognize (Closed lens)	280 m
Identify (Open lens)	7 m
Identify (Closed lens)	140 m

VIDEO ANALYSIS

Detection type	Advanced detection (person/vehicle classification)
Crossing line	Yes
Intrusion	Yes
Motion detection	Yes
Abandoned object	Yes
Video Tamper	Si
Dual-VCA	Yes

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

NIGHT VISION

Night vision distance	100 m
Type of night vision	IR
Smart IR	Yes
Starlight	Yes

GENERAL INFORMATION

Serie	HiWatch
Technology	IP

technical datasheet

Power mode	DC
Voltage	12V
Consumption (w)	18W
PoE power	Yes
Type PoE	PoE+ 802.3at

PTZ

Pan / Tilt Range	Horizontal 360 ° / Vertical 90 ° with autoflip
Manual speed control	Horizontal 80°/s / Vertical 80°/s
Memories	300
PTZ mode	8 Tour between established points, 4 rounds

AMBIENT

Operating temperature	-30 °C ~ 65 °C
Use	Indoor-outdoor
Maximum humidity	90%

STORAGE

MicroSD-Card	Up to 256Gb
Storage Systems	NAS / Micro SD / Recorder

Type of camera	PTZ
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MATERIAL AND DIMENSIONS

Dimensions	290 x 166 (Ø) mm
Material	Aluminum and polycarbonate
Net weight	2500 g

AUDIO(CAMERAS)

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

INPUTS/OUTPUTS (CAMERAS)

Audio	1 Input / 1 Output
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