



HIKVISION
HiWatch Series

Ptz ip camera of 4 megapixels
and optical zoom lens

HWP-N2404IH-DE3

VIDEO (CAMERAS)

Video Resolution	4 Megapixels
HLC	Yes
3D-NR	Yes
WDR	WDR (120 dB)
Images per second	25fps
Video output	RJ45
Day / night mode	Automatic / Manual
OSD menu	Yes
Digital Zoom	16x
Privacy mask	Up to 24 zones
Bit rate	32Kbps ~ 16384Kbps
Compression	H.265+ / H.265 / H.264
ATW	Yes
EIS	Yes
Main stream	4Mpx / 3Mpx / 1080P / 1.3Mpx / 720P (1 ~ 25fps)
Sub stream	704 × 576 / 640 × 480 / 352 × 288 (25fps)
Sub stream 2	720P / 704 x 576 / 640 x 480 / 352 x 288 (1 ~ 25fps)

LENS

Lens Type	Optical zoom
Optical zoom	4x
Focal distance	2.8 mm ~ 12 mm
Maximum diaphragm opening	F/1.6 ~ F2.7
Angle of View	100° ~ 33°
Minimum focus distance	10mm ~ 1500mm
Autofocus	Yes
Zoom speed	2 s

POWER CONSUMPTION

Power mode	DC
Voltage	12V
Consumption (w)	3.9W
Amperage	330mA

VIDEO ANALYSIS

Detection type	Analytics with human/vehicle/non-motorized vehicle classification in line/area crossing
AI Functions	Facial detection
Crossing line	Yes
Intrusion	Yes
Face detection	Yes
Motion detection	Yes
Motion detection objects	Yes
Audio detection	Yes
Video Tamper	Yes
Dual-VCA	Yes

DISTANCE DORI

Detect (Open lens)	56 m
Detect (Closed Lens)	222 m
Observe (Open lens)	23 m
Observe (Closed lens)	102 m
Recognize (Open lens)	12 m
Recognize (Closed lens)	51 m
Identify (Open lens)	6 m
Identify (Closed lens)	25 m

IMAGE

Sensor	CMOS ®
Sensor resolution	2560 x 1440
Sensor Size	1/3'
Electronic shutter speed	1/1s ~ 1/30,000s
Minimum lighting	0.005Lux

AUDIO(CAMERAS)

Audio input	1 Input
Audio compression	G.711A / G.711U / G.722.1 / G.726 / MP2L2 / PCM

technical datasheet

PoE power	Yes
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Type PoE	PoE 802.3af
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AMBIENT

Operating temperature	-20 °C ~ 60 °C
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Degree of protection	IP66
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Anti vandal	IK10
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Use	Indoor-outdoor
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Maximum humidity	90%
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PTZ

Pan / Tilt Range	Horizontal 330 ° / Vertical 90 °
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Manual speed control	Horizontal 100°/s / Vertical 100°/s
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Speed between presets	Horizontal 100°/s / Vertical 100°/s
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Memories	300
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GENERAL INFORMATION

Serie	HiWatch
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Technology	IP
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Type of camera	PTZ
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MATERIAL AND DIMENSIONS

Dimensions	101.7 x 130.7 (Ø) mm
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Material	Aluminum and plastic
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Net weight	530 g
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INPUTS/OUTPUTS (CAMERAS)

Audio	1 Input / 1 Output
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Bit rate	64 Kbps (G.711) / 16 Kbps (G.722.1 / G.726) / 32 ~ 160 Kbps (MP2L2)
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Audio output	1
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NETWORK FEATURES

IP connection	1 RJ45 (10M / 100M)
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ONVIF	Yes
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Maximum number of users	Up to 32 users
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Live view	Up to 20 channels
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NIGHT VISION

Night vision distance	20 m
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Type of night vision	Advanced detection (person/vehicle/pet classification)
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Smart IR	Yes
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STORAGE

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

Motion	3-Axis
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