



HIKVISION
HiWatch Series

Minidome ip camera of 4 megapixels and optical zoom lens

HWI-D640HA-LZU

VIDEO (CAMERAS)

Video Resolution	4 Megapixels
BLC	Yes
HLC	Yes
3D-NR	Yes
AGC	Yes
AWB	Yes
WDR	WDR (120 dB)
Images per second	20fps
Video output	RJ45
Day / night mode	Automatic / Manual
Privacy mask	Up to 4 zones
Type of Codex	CBR / VBR
Bit rate	32Kbps ~ 16Mbps
Compression	H.265+ / H.265 / H.264
Main stream	4Mpx (1 ~ 20fps) / 1080P / 720P (1 ~ 25fps)
Sub stream	720P / 640 x 480 / 640 x 360 (1 ~ 25fps)
Watermark	Yes
Anti flap	Yes
Mirror	On / Off

DISTANCE DORI

Detect (Open lens)	65 m
Detect (Closed Lens)	200 m
Observe (Open lens)	25 m
Observe (Closed lens)	79 m
Recognize (Open lens)	13 m
Recognize (Closed lens)	40 m
Identify (Open lens)	6 m
Identify (Closed lens)	20 m

IMAGE

Sensor	CMOS ®
Sensor resolution	2560 x 1440

NIGHT VISION

Night vision distance	30 m
Type of night vision	Dual light (IR+Luz blanca)
Number of LEDs	1
IR ON/Off	Automatic / Manual
White light	2
White light distance	30 m
Wavelength	850 nm
Smart Hybrid Light	Yes (switches from IR to colour with human detection)

NETWORK FEATURES

IP connection	1 RJ45 (10M / 100M)
ONVIF	Yes, type S , G and T
Maximum number of users	Up to 32 users
Password protection	Yes
Web browser	Explorer / Chrome / Firefox
Management software	iVMS-4200 / Hik-Connect
Mobile devices	Android / IOS (Apple)
Live view	Up to 6 channels

POWER CONSUMPTION

Power mode	DC
Voltage	12V
Consumption (w)	9.6W
Amperage	800mA
PoE power	Yes
Type PoE	PoE 802.3af

LENS

Lens Type	Optical zoom
Focal distance	2.8 mm ~ 12 mm
Maximum diaphragm opening	F/1.6
Angle of View	96.7° ~ 29.7°
Filtro IR	Sí

technical datasheet

Sensor Size	1/3'
Electronic shutter speed	1/3 ~ 1/100000s
Minimum lighting	0.005Lux
Ratio S / N	Más de 52dB

AMBIENT

Operating temperature	-30 °C ~ 60 °C
Degree of protection	IP67
Anti vandal	IK08
Use	Indoor-outdoor
Maximum humidity	95%

AUDIO(CAMERAS)

Built in microphone	Yes
Audio compression	G.711A / G.711U / G.722.1 / G.726 / AAC-LC / MP2L2 / PCM
Noise filter	SI
Sampling frequency	8kHz / 16kHz
Bit rate	64 Kbps (G.711) / 16 Kbps (G.722.1 / G.726) / 16 ~ 64 Kbps (AAC) / 32 ~ 160 Kbps (MP2L2)

GENERAL INFORMATION

Serie	HiWatch
Technology	IP
Type of camera	Minidome

AXES

Motion	3-Axis
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MATERIAL AND DIMENSIONS

Dimensions	97.6 x 121.5 (Ø) mm
Material	Metal and plastic
Net weight	540 g
Weight with packaging	740 g

VIDEO ANALYSIS

Detection type	Advanced detection (person/vehicle classification)
Motion detection	Yes
Video Tamper	Yes
Classification Human / vehicle	Yes

STORAGE

MicroSD-Card	Hasta 512Gb
Storage Systems	FTP / Micro SD

SYSTEM (CAMERAS)

Reset button	Yes
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