

HIKVISION
HiWatch Series



Minidome ip camera of 4 megapixels and optical zoom lens

HWI-D640HA-Z

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	Yes
Type of Codex	CBR / VBR
Bit rate	32Kbps ~ 8Mbps
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
Mirror	On / Off

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

IMAGE

Sensor	CMOS ®
Sensor resolution	2560 x 1440
Sensor Size	1/3"

DISTANCE DORI

Detect (Open lens)	61 m
Detect (Closed Lens)	200 m
Observe (Open lens)	24 m
Observe (Closed lens)	80 m
Recognize (Open lens)	12 m
Recognize (Closed lens)	40 m
Identify (Open lens)	6 m
Identify (Closed lens)	20 m

POWER CONSUMPTION

Power mode	DC
Voltage	12V
Consumption (w)	11.5W
Amperage	800mA
PoE power	Yes
Type PoE	PoE 802.3af

AMBIENT

Operating temperature	-30 °C ~ 60 °C
Degree of protection	IP67
Anti vandal	IK10
Use	Indoor-outdoor
Maximum humidity	95%

NIGHT VISION

Night vision distance	30 m
Type of night vision	IR
EXIR	Yes
Wavelength	850 nm

MATERIAL AND DIMENSIONS

Dimensions	99.9 x 141 (Ø) mm
Material	Metal and plastic
Net weight	790 g
Weight with packaging	960 g

GENERAL INFORMATION

technical datasheet

Electronic shutter speed	1/3 ~ 1/1000000s
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Minimum lighting	0.005Lux
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LENS

Lens Type	Optical zoom
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Focal distance	2.8 mm ~ 12 mm
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Maximum diaphragm opening	F/1.6
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Angle of View	95.8° ~ 29.2°
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Filtro IR	Sí
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VIDEO ANALYSIS

Detection type	Advanced detection (person/vehicle classification)
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Video Tamper	Sí
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Classification Human / vehicle	Yes
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Motion detection 2.0	Yes (human and vehicle)
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STORAGE

MicroSD-Card	Up to 256Gb
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Storage Systems	FTP / Micro SD
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SYSTEM (CAMERAS)

Reset button	Yes
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Serie	HiWatch
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Technology	IP
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Type of camera	Minidome
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AXES

Motion	3-Axis
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