

HIKVISION
HiWatch Series



Bullet ip camera of 4 megapixels and optical zoom lens

HWI-B640HA-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
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)	12.9W
Amperage	900mA
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	95.8° ~ 29.2°
Filtro IR	Sí

NIGHT VISION

Night vision distance	50 m
Type of night vision	IR
EXIR	Yes
Wavelength	850 nm

VIDEO ANALYSIS

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

technical datasheet

Electronic shutter speed	1/3 ~ 1/100000s
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Minimum lighting	0.005Lux
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AMBIENT

Operating temperature	-30 °C ~ 60 °C
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Degree of protection	IP67
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Use	Indoor-outdoor
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Maximum humidity	95%
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MATERIAL AND DIMENSIONS

Dimensions	244.4 x 105 (Ø) mm
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Material	Metal
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Net weight	700 g
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Weight with packaging	990 g
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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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GENERAL INFORMATION

Serie	HiWatch
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Technology	IP
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Type of camera	Bullet
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AXES

Motion	3-Axis
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