

HIKVISION
HiWatch Series



Bullet ip camera of 2 megapixels and fix lens

HWI-B420HA-LU

VIDEO (CAMERAS)

Video Resolution	2 Megapixels
BLC	Yes
HLC	Yes
3D-NR	Yes
AGC	Yes
AWB	Yes
WDR	DWDR
Images per second	25fps
Video output	RJ45
Day / night mode	Automatic
Privacy mask	Up to 4 zones
Type of Codex	CBR / VBR
Bit rate	32Kbps ~ 8Mbps
Compression	H.265+ / H.265
Main stream	1080P / 720P (1 ~ 25fps)
Sub stream	640 × 480 / 640 × 360 (1 ~ 25fps)
Watermark	Yes
Mirror	On / Off

IMAGE

Sensor	CMOS ®
Sensor resolution	1920 x 1080
Sensor Size	1/2.9"
Electronic shutter speed	1/3 ~ 1/100000s
Minimum lighting	0.005Lux
Ratio S / N	Más de 52dB

NIGHT VISION

Night vision distance	50 m
Type of night vision	Dual light (IR+Luz blanca)
White light	Sí
Wavelength	850 nm
Smart Hybrid Light	Yes (switches from IR to colour with human detection)

AUDIO(CAMERAS)

NETWORK FEATURES

IP connection	1 RJ45 (10M / 100M)
ONVIF	Yes, S and T type
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)	6W
Amperage	500mA
PoE power	Yes
Type PoE	PoE 802.3af

LENS

Lens Type	Fix
Focal distance	4 mm
Maximum diaphragm opening	F/1.6
Angle of View	83°
Filtro IR	Sí

AMBIENT

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

DISTANCE DORI

Detect	56 m
Observe	22 m
Recognize	11 m
Identify	5 m

GENERAL INFORMATION

technical datasheet

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.711A / G.711U) / 16 Kbps (G.722.1 / G.726) / 16 ~ 64 Kbps (AAC-LC) / 32 ~ 160 Kbps (MP212)

MATERIAL AND DIMENSIONS

Dimensions	206.6 x 83.7 x 80.7 mm
Material	Metal and plastic
Net weight	580 g
Weight with packaging	630 g

VIDEO ANALYSIS

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

STORAGE

Storage Systems	FTP
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Serie	HiWatch
Technology	IP
Type of camera	Bullet
AXES	
Motion	3-Axis

