

HIKVISION
HiWatch Series



Minidome IP camera of 2 megapixels and fix lens

HWI-D222H-D/W

VIDEO (CAMERAS)

Video Resolution	2 Megapixels
BLC	Yes
3D-NR	Yes
WDR	WDR (120 dB)
Images per second	25fps
Video output	RJ45
Day / night mode	Automatic / Manual
Privacy mask	Yes
Bit rate	32Kbps ~ 8Mbps
Compression	H.265+ / H.265 / H.264
Main stream	1080P / 720P (1 ~ 25fps)
Sub stream	640 × 480 / 640 × 360 (1 ~ 25fps)
Watermark	Yes
Anti flap	Yes
Mirror	On / Off

LENS

Lens Type	Fix
Focal distance	2.8 mm
Maximum diaphragm opening	F/1.6
Angle of View	111°
Minimum focus distance	1000mm
Filtro IR	Si

WI-FI

Wi-Fi standard	IEEE802.11 b / g / n
Frequency range	2.41 MHz ~ 2.47 MHz
Broadband channel	20 / 40 MHz
Speed	300Mbps
Transmission distance	120 m
Antenna	2

POWER CONSUMPTION

Power mode	DC
Voltage	12V

NETWORK FEATURES

IP connection	1 RJ45 (10M / 100M)
ONVIF	Yes
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
IP address filter	Yes
P2P	Yes, only through wired connection

AUDIO(CAMERAS)

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

IMAGE

Sensor	CMOS ®
Sensor resolution	1920 x 1080
Sensor Size	1/2.7"
Electronic shutter speed	1/3 ~ 1/1000000s
Minimum lighting	0.005Lux

NIGHT VISION

Night vision distance	30 m
Type of night vision	IR
IR ON/Off	Automatic / Manual
Wavelength	850 nm
EXIR 2.0	Yes

DISTANCE DORI

technical datasheet

Consumption (w)	6W
Amperage	500mA
Type PoE	No dispone

AMBIENT

Operating temperature	-30 °C ~ 60 °C
Degree of protection	IP66
Use	Indoor-outdoor
Maximum humidity	95%

GENERAL INFORMATION

Serie	HiWatch
Technology	IP
Type of camera	Minidome

VIDEO ANALYSIS

Detection type	Basic motion detection (pixel difference)
Motion detection	Yes

AXES

Motion	3-Axis
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Detect	42 m
Observe	17 m
Recognize	9 m
Identify	4 m

MATERIAL AND DIMENSIONS

Material	Metal and plastic
Net weight	570 g
Weight with packaging	900 g

STORAGE

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

SYSTEM (CAMERAS)

Reset button	Yes
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