



HIKVISION
HiWatch Series

Minidome ip camera of 8 megapíxeles and fix lens

HWI-T280HA-LU

VIDEO (CAMERAS)

Video Resolution	8 Megapixels
BLC	Yes
HLC	Yes
3D-NR	Yes
AGC	Yes
AWB	Yes
WDR	WDR (120 dB)
Images per second	12.5fps@4K
Video output	RJ45
Day / night mode	Automatic
Privacy mask	Up to 4 zones
Type of Codex	CBR / VBR
Bit rate	32Kbps ~ 16Mbps
Compression	H.265+ / H.265 / H.264
Main stream	4K / 6Mpx / 4Mpx / 1080P / 720P (1 ~ 12.5fps)
Sub stream	720P / 640 x 480 / 640 x 360 (1 ~ 12.5fps)
Watermark	Yes
Mirror	On / Off

IMAGE

Sensor	CMOS ®
Sensor resolution	3840 x 2160
Sensor Size	1/2.7"
Electronic shutter speed	1/3 ~ 1/100000s
Minimum lighting	0.01Lux
Ratio S / N	Más de 52dB

NIGHT VISION

Night vision distance	30 m
Type of night vision	Dual light (IR+Luz blanca)
White light	Sí
Wavelength	850 nm

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)	5W
Amperage	410mA
PoE power	Yes
Type PoE	PoE 802.3af

LENS

Lens Type	Fix
Focal distance	2.8 mm
Maximum diaphragm opening	F/2.0
Angle of View	113°
Filtro IR	Sí

DISTANCE DORI

Detect	78 m
Observe	31 m
Recognize	15 m
Identify	7 m

MATERIAL AND DIMENSIONS

Dimensions	89.2 x 110 (Ø) mm
Material	Metal and plastic
Net weight	360 g
Weight with packaging	510 g

GENERAL INFORMATION

technical datasheet

Smart Hybrid Light **Yes (switches from IR to colour with human detection)**

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

AMBIENT

Operating temperature **-30 °C ~ 60 °C**

Degree of protection **IP67**

Use **Indoor-outdoor**

Maximum humidity **95%**

VIDEO ANALYSIS

Detection type **Advanced detection (person/vehicle classification)**

Motion detection **Yes**

Video Tamper **SI**

Classification Human / vehicle **Yes**

STORAGE

Storage Systems **FTP**

GENERAL INFORMATION

Serie **HiWatch**

Technology **IP**

Type of camera **Minidome**

AXES

Motion **3-Axis**

