



**HIKVISION**  
HiWatch Series

## Minidome ip camera of 4 megapixels and optical zoom lens

**HWI-D640HA-LZU**

### VIDEO (CAMERAS)

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Video Resolution  | <b>4 Megapixels</b>                                |
| BLC               | <b>Yes</b>                                         |
| HLC               | <b>Yes</b>                                         |
| 3D-NR             | <b>Yes</b>                                         |
| AGC               | <b>Yes</b>                                         |
| AWB               | <b>Yes</b>                                         |
| WDR               | <b>WDR (120 dB)</b>                                |
| Images per second | <b>20fps</b>                                       |
| Video output      | <b>RJ45</b>                                        |
| Day / night mode  | <b>Automatic / Manual</b>                          |
| Privacy mask      | <b>Up to 4 zones</b>                               |
| Type of Codex     | <b>CBR / VBR</b>                                   |
| Bit rate          | <b>32Kbps ~ 16Mbps</b>                             |
| Compression       | <b>H.265+ / H.265 / H.264</b>                      |
| Main stream       | <b>4Mpx (1 ~ 20fps) / 1080P / 720P (1 ~ 25fps)</b> |
| Sub stream        | <b>720P / 640 x 480 / 640 x 360 (1 ~ 25fps)</b>    |
| Watermark         | <b>Yes</b>                                         |
| Anti flap         | <b>Yes</b>                                         |
| Mirror            | <b>On / Off</b>                                    |

### DISTANCE DORI

|                         |              |
|-------------------------|--------------|
| Detect (Open lens)      | <b>65 m</b>  |
| Detect (Closed Lens)    | <b>200 m</b> |
| Observe (Open lens)     | <b>25 m</b>  |
| Observe (Closed lens)   | <b>79 m</b>  |
| Recognize (Open lens)   | <b>13 m</b>  |
| Recognize (Closed lens) | <b>40 m</b>  |
| Identify (Open lens)    | <b>6 m</b>   |
| Identify (Closed lens)  | <b>20 m</b>  |

### IMAGE

|                   |                    |
|-------------------|--------------------|
| Sensor            | <b>CMOS ®</b>      |
| Sensor resolution | <b>2560 x 1440</b> |

### NIGHT VISION

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Night vision distance | <b>30 m</b>                                                  |
| Type of night vision  | <b>Dual light (IR+Luz blanca)</b>                            |
| Number of LEDs        | <b>1</b>                                                     |
| IR ON/Off             | <b>Automatic / Manual</b>                                    |
| White light           | <b>2</b>                                                     |
| White light distance  | <b>30 m</b>                                                  |
| Wavelength            | <b>850 nm</b>                                                |
| Smart Hybrid Light    | <b>Yes (switches from IR to colour with human detection)</b> |

### NETWORK FEATURES

|                         |                                    |
|-------------------------|------------------------------------|
| IP connection           | <b>1 RJ45 (10M / 100M)</b>         |
| ONVIF                   | <b>Yes, type S , G and T</b>       |
| Maximum number of users | <b>Up to 32 users</b>              |
| Password protection     | <b>Yes</b>                         |
| Web browser             | <b>Explorer / Chrome / Firefox</b> |
| Management software     | <b>iVMS-4200 / Hik-Connect</b>     |
| Mobile devices          | <b>Android / IOS (Apple)</b>       |
| Live view               | <b>Up to 6 channels</b>            |

### POWER CONSUMPTION

|                 |                    |
|-----------------|--------------------|
| Power mode      | <b>DC</b>          |
| Voltage         | <b>12V</b>         |
| Consumption (w) | <b>9.6W</b>        |
| Amperage        | <b>800mA</b>       |
| PoE power       | <b>Yes</b>         |
| Type PoE        | <b>PoE 802.3af</b> |

### AUDIO(CAMERAS)

|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| Built in microphone | <b>Yes</b>                                                      |
| Audio compression   | <b>G.711A / G.711U / G.722.1 / G.726 / AAC-LC / MP2L2 / PCM</b> |
| Noise filter        | <b>SI</b>                                                       |
| Sampling frequency  | <b>8kHz / 16kHz</b>                                             |

# technical datasheet

|                          |                 |
|--------------------------|-----------------|
| Sensor Size              | 1/3'            |
| Electronic shutter speed | 1/3 ~ 1/100000s |
| Minimum lighting         | 0.005Lux        |
| Ratio S / N              | Más de 52dB     |

## LENS

|                           |                |
|---------------------------|----------------|
| Lens Type                 | Optical zoom   |
| Focal distance            | 2.8 mm ~ 12 mm |
| Maximum diaphragm opening | F/1.6          |
| Angle of View             | 96.7° ~ 29.7°  |
| Filtro IR                 | Sí             |

## AMBIENT

|                       |                |
|-----------------------|----------------|
| Operating temperature | -30 °C ~ 60 °C |
| Degree of protection  | IP67           |
| Anti vandal           | IK08           |
| Use                   | Indoor-outdoor |
| Maximum humidity      | 95%            |

## GENERAL INFORMATION

|                |          |
|----------------|----------|
| Serie          | HiWatch  |
| Technology     | IP       |
| Type of camera | Minidome |

## AXES

|        |        |
|--------|--------|
| Motion | 3-Axis |
|--------|--------|

|          |                                                                                             |
|----------|---------------------------------------------------------------------------------------------|
| Bit rate | 64 Kbps (G.711) / 16 Kbps (G.722.1 / G.726)<br>/ 16 ~ 64 Kbps (AAC) / 32 ~ 160 Kbps (MP2L2) |
|----------|---------------------------------------------------------------------------------------------|

## MATERIAL AND DIMENSIONS

|                       |                     |
|-----------------------|---------------------|
| Dimensions            | 97.6 x 121.5 (Ø) mm |
| Material              | Metal and plastic   |
| Net weight            | 540 g               |
| Weight with packaging | 740 g               |

## VIDEO ANALYSIS

|                                   |                                                       |
|-----------------------------------|-------------------------------------------------------|
| Detection type                    | Advanced detection<br>(person/vehicle classification) |
| Motion detection                  | Yes                                                   |
| Video Tamper                      | Sí                                                    |
| Classification<br>Human / vehicle | Yes                                                   |

## STORAGE

|                 |                |
|-----------------|----------------|
| MicroSD-Card    | Hasta 512Gb    |
| Storage Systems | FTP / Micro SD |

## SYSTEM (CAMERAS)

|              |     |
|--------------|-----|
| Reset button | Yes |
|--------------|-----|

