

**HIKVISION**  
 HiWatch Series


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

**HWI-D640HA-Z**

### 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>Yes</b>                                         |
| Type of Codex     | <b>CBR / VBR</b>                                   |
| Bit rate          | <b>32Kbps ~ 8Mbps</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>                                         |
| Mirror            | <b>On / Off</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>            |

### IMAGE

|                   |                    |
|-------------------|--------------------|
| Sensor            | <b>CMOS ®</b>      |
| Sensor resolution | <b>2560 x 1440</b> |
| Sensor Size       | <b>1/3"</b>        |

### DISTANCE DORI

|                         |              |
|-------------------------|--------------|
| Detect (Open lens)      | <b>61 m</b>  |
| Detect (Closed Lens)    | <b>200 m</b> |
| Observe (Open lens)     | <b>24 m</b>  |
| Observe (Closed lens)   | <b>80 m</b>  |
| Recognize (Open lens)   | <b>12 m</b>  |
| Recognize (Closed lens) | <b>40 m</b>  |
| Identify (Open lens)    | <b>6 m</b>   |
| Identify (Closed lens)  | <b>20 m</b>  |

### POWER CONSUMPTION

|                 |                    |
|-----------------|--------------------|
| Power mode      | <b>DC</b>          |
| Voltage         | <b>12V</b>         |
| Consumption (w) | <b>11.5W</b>       |
| Amperage        | <b>800mA</b>       |
| PoE power       | <b>Yes</b>         |
| Type PoE        | <b>PoE 802.3af</b> |

### AMBIENT

|                       |                       |
|-----------------------|-----------------------|
| Operating temperature | <b>-30 °C ~ 60 °C</b> |
| Degree of protection  | <b>IP67</b>           |
| Anti vandal           | <b>IK10</b>           |
| Use                   | <b>Indoor-outdoor</b> |
| Maximum humidity      | <b>95%</b>            |

### NIGHT VISION

|                       |               |
|-----------------------|---------------|
| Night vision distance | <b>30 m</b>   |
| Type of night vision  | <b>IR</b>     |
| EXIR                  | <b>Yes</b>    |
| Wavelength            | <b>850 nm</b> |

### MATERIAL AND DIMENSIONS

|                       |                          |
|-----------------------|--------------------------|
| Dimensions            | <b>99.9 x 141 (Ø) mm</b> |
| Material              | <b>Metal and plastic</b> |
| Net weight            | <b>790 g</b>             |
| Weight with packaging | <b>960 g</b>             |

### GENERAL INFORMATION

# technical datasheet

|                          |                  |
|--------------------------|------------------|
| Electronic shutter speed | 1/3 ~ 1/1000000s |
|--------------------------|------------------|

|                  |          |
|------------------|----------|
| Minimum lighting | 0.005Lux |
|------------------|----------|

## 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 |
|-----------|----|

## VIDEO ANALYSIS

|                |                                                       |
|----------------|-------------------------------------------------------|
| Detection type | Advanced detection<br>(person/vehicle classification) |
|----------------|-------------------------------------------------------|

|              |    |
|--------------|----|
| Video Tamper | Sí |
|--------------|----|

|                                   |     |
|-----------------------------------|-----|
| Classification<br>Human / vehicle | Yes |
|-----------------------------------|-----|

|                         |                         |
|-------------------------|-------------------------|
| Motion detection<br>2.0 | Yes (human and vehicle) |
|-------------------------|-------------------------|

## STORAGE

|              |             |
|--------------|-------------|
| MicroSD-Card | Up to 256Gb |
|--------------|-------------|

|                 |                |
|-----------------|----------------|
| Storage Systems | FTP / Micro SD |
|-----------------|----------------|

## SYSTEM (CAMERAS)

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

|       |         |
|-------|---------|
| Serie | HiWatch |
|-------|---------|

|            |    |
|------------|----|
| Technology | IP |
|------------|----|

|                |          |
|----------------|----------|
| Type of camera | Minidome |
|----------------|----------|

## AXES

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

