

**HIKVISION**  
HiWatch Series



## Bullet ip camera of 4 megapixels and fix lens

**HWI-B440HA-LU**

### 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</b>                                   |
| Privacy mask      | <b>Up to 4 zones</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>                                    |

### IMAGE

|                          |                        |
|--------------------------|------------------------|
| Sensor                   | <b>CMOS ®</b>          |
| Sensor resolution        | <b>2560 x 1440</b>     |
| Sensor Size              | <b>1/3"</b>            |
| Electronic shutter speed | <b>1/3 ~ 1/100000s</b> |
| Minimum lighting         | <b>0.005Lux</b>        |
| Ratio S / N              | <b>Más de 52dB</b>     |

### NIGHT VISION

|                       |                                   |
|-----------------------|-----------------------------------|
| Night vision distance | <b>50 m</b>                       |
| Type of night vision  | <b>Dual light (IR+Luz blanca)</b> |
| White light           | <b>Sí</b>                         |
| Wavelength            | <b>850 nm</b>                     |

### NETWORK FEATURES

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

### LENS

|                           |              |
|---------------------------|--------------|
| Lens Type                 | <b>Fix</b>   |
| Focal distance            | <b>4 mm</b>  |
| Maximum diaphragm opening | <b>F/1.6</b> |
| Angle of View             | <b>78°</b>   |
| Filtro IR                 | <b>Sí</b>    |

### DISTANCE DORI

|           |             |
|-----------|-------------|
| Detect    | <b>78 m</b> |
| Observe   | <b>31 m</b> |
| Recognize | <b>15 m</b> |
| Identify  | <b>7 m</b>  |

### MATERIAL AND DIMENSIONS

|                       |                               |
|-----------------------|-------------------------------|
| Dimensions            | <b>206.6 x 83.7 x 80.7 mm</b> |
| Material              | <b>Metal and plastic</b>      |
| Net weight            | <b>580 g</b>                  |
| Weight with packaging | <b>640 g</b>                  |

# technical datasheet

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Smart Hybrid Light | <b>Yes (switches from IR to colour with human detection)</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>                                                                                          |
| Bit rate            | <b>64 Kbps (G.711A / G.711U) / 16 Kbps (G.722.1 / G.726) / 16 ~ 64 Kbps (AAC-LC) / 32 ~ 160 Kbps (MP212)</b> |

## AMBIENT

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

## VIDEO ANALYSIS

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

## STORAGE

|                 |            |
|-----------------|------------|
| Storage Systems | <b>FTP</b> |
|-----------------|------------|

## GENERAL INFORMATION

|                |                |
|----------------|----------------|
| Serie          | <b>HiWatch</b> |
| Technology     | <b>IP</b>      |
| Type of camera | <b>Bullet</b>  |
| AXES           |                |
| Motion         | <b>3-Axis</b>  |

