



## HIKVISION®

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

#### DS-2DE4425IW-DE

#### VIDEO (CAMERAS)

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| Resolución vídeo  | <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>25fps</b>                                                                 |
| Video output      | <b>RJ45</b>                                                                  |
| Digital Zoom      | <b>16x</b>                                                                   |
| Privacy mask      | <b>Up to 24 zones</b>                                                        |
| Anti fog system   | <b>Yes</b>                                                                   |
| Bit rate          | <b>32Kbps ~ 16384Kbps</b>                                                    |
| Compression       | <b>H.265+ / H.265 / H.264</b>                                                |
| EIS               | <b>Yes</b>                                                                   |
| Main stream       | <b>4Mpx / 3Mpx (25fps) / 1080P / 1.3Mpx / 720P (25/50fps)</b>                |
| Sub stream        | <b>704 × 576 / 640 × 480 / 352 × 288 (25fps)</b>                             |
| Sub stream 2      | <b>1080P / 1.3Mpx / 720P / 704 × 576 / 640 × 480 / 352 × 288 (1 ~ 25fps)</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 / iVMS-4500 / iVMS-5200 / Hik-Connect</b> |
| Mobile devices          | <b>Android / IOS (Apple)</b>                           |
| Live view               | <b>Up to 20 channels</b>                               |
| IP address filter       | <b>Yes</b>                                             |

#### DISTANCE DORI

|                    |             |
|--------------------|-------------|
| Detect (Open lens) | <b>99 m</b> |
|--------------------|-------------|

#### LENS

|                           |                        |
|---------------------------|------------------------|
| Lens Type                 | <b>Optical zoom</b>    |
| Optical zoom              | <b>25x</b>             |
| Focal distance            | <b>4.8 mm ~ 120 mm</b> |
| Maximum diaphragm opening | <b>F/1.6 ~ F/3.5</b>   |
| Angle of View             | <b>55° ~ 2.4°</b>      |
| Minimum focus distance    | <b>100mm ~ 1500mm</b>  |
| Autofocus                 | <b>Yes</b>             |
| Zoom speed                | <b>3.6 s</b>           |
| Filtro IR                 | <b>Sí</b>              |

#### VIDEO ANALYSIS

|                   |                                          |
|-------------------|------------------------------------------|
| Tipo de deteccion | <b>Detección por cruce de línea/área</b> |
| Crossing line     | <b>Yes</b>                               |
| Intrusion         | <b>Yes</b>                               |
| Motion detection  | <b>Yes</b>                               |
| Abandoned object  | <b>Yes</b>                               |
| Missing object    | <b>Yes</b>                               |
| Audio detection   | <b>Yes</b>                               |
| Video Tamper      | <b>Sí</b>                                |
| Dual-VCA          | <b>Yes</b>                               |

#### PTZ

|                              |                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------|
| Pan / Tilt Range             | <b>Horizontal 360° / Vertical -15 ~ 90° with autoflip</b>                                                     |
| Manual speed control         | <b>Horizontal 0.1°/s ~ 80°/s / Vertical 0.1°/s ~ 80°/s</b>                                                    |
| Speed between presets        | <b>Horizontal 80°/s / Vertical 80°/s</b>                                                                      |
| Memories                     | <b>300</b>                                                                                                    |
| PTZ mode                     | <b>8 Tour between established points, 4 rounds</b>                                                            |
| Position after power failure | <b>Return to the position before the fault</b>                                                                |
| Idle mode                    | <b>Preset / Pattern Scan / Patrol Scan / Auto Scan / Tilt Scan / Random Scan / Frame Scan / Panorama Scan</b> |

|                                                             |            |
|-------------------------------------------------------------|------------|
| Configuration of tours, rounds and positions preset by time | <b>Yes</b> |
|-------------------------------------------------------------|------------|

# technical datasheet

|                         |               |
|-------------------------|---------------|
| Detect (Closed Lens)    | <b>2490 m</b> |
| Observe (Open lens)     | <b>39 m</b>   |
| Observe (Closed lens)   | <b>979 m</b>  |
| Recognize (Open lens)   | <b>20 m</b>   |
| Recognize (Closed lens) | <b>490 m</b>  |
| Identify (Open lens)    | <b>10 m</b>   |
| Identify (Closed lens)  | <b>245 m</b>  |

## POWER CONSUMPTION

|                       |                     |
|-----------------------|---------------------|
| Power mode            | <b>DC</b>           |
| Voltage               | <b>12V</b>          |
| Consumption (w)       | <b>18W</b>          |
| Amperage              | <b>2000mA</b>       |
| PoE power             | <b>Yes</b>          |
| Type PoE              | <b>PoE+ 802.3at</b> |
| Power supply included | <b>Yes</b>          |

## AMBIENT

|                       |                       |
|-----------------------|-----------------------|
| Operating temperature | <b>-30 °C ~ 65 °C</b> |
| Degree of protection  | <b>IP66</b>           |
| Use                   | <b>Indoor-outdoor</b> |
| Maximum humidity      | <b>90%</b>            |
| Lightning protection  | <b>4KV</b>            |

## AUDIO(CAMERAS)

|                   |                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------|
| Audio input       | <b>1 Input</b>                                                                                            |
| Audio compression | <b>G.711A / G.711U / G.722.1 / G.726 / MP2L2 / PCM</b>                                                    |
| Bit rate          | <b>64 Kbps (G.711A / G.711U) / 16 Kbps (G.722.1 / G.726) / 32 Kbps / 64 Kbps / 128 Kbps (MP2L2 / PCM)</b> |
| Audio output      | <b>1</b>                                                                                                  |

## STORAGE

|                                 |                                  |
|---------------------------------|----------------------------------|
| MicroSD-Card                    | <b>Up to 256Gb</b>               |
| Storage Systems                 | <b>NAS / Micro SD / Recorder</b> |
| ANR (Redundant Recording in SD) | <b>Yes</b>                       |

## IMAGE

|                          |                                        |
|--------------------------|----------------------------------------|
| Sensor                   | <b>CMOS ®</b>                          |
| Resolución sensor        | <b>2560 x 1440</b>                     |
| Sensor Size              | <b>1/2.8'</b>                          |
| Electronic shutter speed | <b>1/1s ~ 1/30,000s</b>                |
| Minimum lighting         | <b>Color: 0.005Lux / B/W: 0.001Lux</b> |

## MATERIAL AND DIMENSIONS

|                       |                         |
|-----------------------|-------------------------|
| Dimensions            | <b>290 x 166 (Ø) mm</b> |
| Material              | <b>Aluminium alloy</b>  |
| Net weight            | <b>2000 g</b>           |
| Weight with packaging | <b>4300 g</b>           |
| Support included      | <b>Yes</b>              |

## SPECS AND FEATURES

|                |            |
|----------------|------------|
| Serie          | <b>PRO</b> |
| Technology     | <b>IP</b>  |
| Type of camera | <b>PTZ</b> |

## NIGHT VISION

|                       |              |
|-----------------------|--------------|
| Night vision distance | <b>100 m</b> |
| Type of night vision  | <b>IR</b>    |
| Smart IR              | <b>Yes</b>   |

## AXES

|        |               |
|--------|---------------|
| Motion | <b>3-Axis</b> |
|--------|---------------|

