



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

**SD5A432GB-HNR**

### VIDEO (CAMERAS)

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Video Resolution  | <b>4 Megapixels</b>                                         |
| BLC               | <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>                                                 |
| Day / night mode  | <b>Colour</b>                                               |
| Digital Zoom      | <b>16x</b>                                                  |
| Privacy mask      | <b>Hasta 24 zonas / Hasta 8 en la misma vista</b>           |
| Anti fog system   | <b>Yes</b>                                                  |
| Type of Codex     | <b>CBR / VBR</b>                                            |
| Bit rate          | <b>H.264: 96Kbps ~ 14848Kbps / H.265: 38Kbps ~ 8960Kbps</b> |
| Compression       | <b>H.265 / H.264</b>                                        |
| EIS               | <b>Yes</b>                                                  |
| Main stream       | <b>4Mpx / 3Mpx / 1080P / 1.3Mpx / 720P (1 ~ 25fps)</b>      |
| Sub stream        | <b>D1 / VGA / CIF (1 ~ 25fps)</b>                           |
| Sub stream 2      | <b>1080P / 1.3Mpx / 720P (1~ 25fps)</b>                     |

### VIDEO ANALYSIS

|                  |                                                                                                |
|------------------|------------------------------------------------------------------------------------------------|
| Detection type   | <b>Analytics with human/vehicle/non-motorized vehicle classification in line/area crossing</b> |
| AI Functions     | <b>People counting, facial detection with metadata</b>                                         |
| Auto tracking    | <b>Yes</b>                                                                                     |
| AcuPick          | <b>Yes</b>                                                                                     |
| Crossing line    | <b>Yes</b>                                                                                     |
| Intrusion        | <b>Yes</b>                                                                                     |
| Face detection   | <b>Yes</b>                                                                                     |
| Motion detection | <b>Yes</b>                                                                                     |

### NETWORK FEATURES

|                          |                                                |
|--------------------------|------------------------------------------------|
| IP connection            | <b>1 RJ45 (10M / 100M)</b>                     |
| ONVIF                    | <b>Yes, type S , G and T</b>                   |
| Transmission method      | <b>Unicast / Multicast</b>                     |
| Maximum number of users  | <b>20 users</b>                                |
| Web browser              | <b>Explorer / Chrome / Firefox / Safari</b>    |
| Management software      | <b>Smart PSS / DSS / DMSS / Easy4ip / IVSS</b> |
| Mobile devices           | <b>Android / IOS (Apple)</b>                   |
| Network disconnection    | <b>Yes</b>                                     |
| Conflict of IP addresses | <b>Yes</b>                                     |

### DISTANCE DORI

|                         |               |
|-------------------------|---------------|
| Detect (Open lens)      | <b>102 m</b>  |
| Detect (Closed Lens)    | <b>3240 m</b> |
| Observe (Open lens)     | <b>40 m</b>   |
| Observe (Closed lens)   | <b>1270 m</b> |
| Recognize (Open lens)   | <b>20 m</b>   |
| Recognize (Closed lens) | <b>637 m</b>  |
| Identify (Open lens)    | <b>10 m</b>   |
| Identify (Closed lens)  | <b>318 m</b>  |

### PTZ

|                              |                                                           |
|------------------------------|-----------------------------------------------------------|
| Pan / Tilt Range             | <b>Horizontal 360° / Vertical -15 ~ 90° with autoflip</b> |
| Manual speed control         | <b>Horizontal 300° / s / Vertical 200° / s</b>            |
| Speed between presets        | <b>Horizontal 400°/s / Vertical 300°/s</b>                |
| Memories                     | <b>300</b>                                                |
| PTZ mode                     | <b>8 Tour between established points, 5 rounds</b>        |
| Flip                         | <b>180°</b>                                               |
| Position after power failure | <b>Return to the position before the fault</b>            |
| Idle mode                    | <b>Preset / Pattern Scan / Tour</b>                       |

### LENS

|           |                     |
|-----------|---------------------|
| Lens Type | <b>Optical zoom</b> |
|-----------|---------------------|

# technical datasheet

|                                |     |
|--------------------------------|-----|
| Abandoned object               | Yes |
| Missing object                 | Yes |
| Audio detection                | Yes |
| Video Tamper                   | Yes |
| People counting                | Yes |
| Loitering detection            | Yes |
| Classification Human / vehicle | Yes |
| Detección de parking           | Yes |
| SMD 4.0                        | Yes |

## POWER CONSUMPTION

|                       |              |
|-----------------------|--------------|
| Power mode            | DC           |
| Voltage               | 24V          |
| Consumption (w)       | 22W          |
| Amperage              | 2500mA       |
| PoE power             | Yes          |
| Type PoE              | PoE+ 802.3at |
| Power supply included | Yes          |

## IMAGE

|                          |                                  |
|--------------------------|----------------------------------|
| Sensor                   | Starvis Cmos ®                   |
| Sensor resolution        | 2560 x 1440                      |
| Sensor Size              | 1/2.8'                           |
| Electronic shutter speed | 1/1s ~ 1/30,000s                 |
| Minimum lighting         | Color: 0.005Lux / B/W: 0.0005Lux |
| Ratio S / N              | More than 55dB                   |

## NIGHT VISION

|                       |                    |
|-----------------------|--------------------|
| Night vision distance | 150 m              |
| Type of night vision  | IR                 |
| Number of LEDs        | 4                  |
| IR ON/Off             | Automatic / Manual |
| Smart IR              | Yes                |
| Starlight             | Yes                |

## METADATA

|                      |                                                    |
|----------------------|----------------------------------------------------|
| Face                 | Gender / age / glasses / beard / mask / expression |
| Vehícle              | Yes                                                |
| Human body           | Yes                                                |
| No motorized vehicle | Yes                                                |

|                           |                 |
|---------------------------|-----------------|
| Optical zoom              | 32x             |
| Focal distance            | 4.8 mm ~ 154 mm |
| Maximum diaphragm opening | F1.6 ~ F4.0     |
| Angle of View             | 55.8° ~ 2.4°    |
| Minimum focus distance    | 800mm ~ 5000mm  |
| Autofocus                 | Yes             |

## AMBIENT

|                       |                |
|-----------------------|----------------|
| Operating temperature | -40 °C ~ 70 °C |
| Degree of protection  | IP67           |
| Anti vandal           | IK10           |
| Use                   | Indoor-outdoor |
| Maximum humidity      | 95%            |
| Lightning protection  | 6KV            |

## MATERIAL AND DIMENSIONS

|                       |                  |
|-----------------------|------------------|
| Dimensions            | 332 x 190 (Ø) mm |
| Net weight            | 4700 g           |
| Weight with packaging | 6900 g           |
| Support included      | Yes              |

## GENERAL INFORMATION

|                |           |
|----------------|-----------|
| Serie          | Wiz Sense |
| Technology     | IP        |
| Type of camera | PTZ       |

## AUDIO(CAMERAS)

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Audio input       | 1 Input                                                                |
| Audio compression | G.711A / G.711U / G.722.1 / G.723 / G.726 / G.729 / MPEG2-Layer2 / PCM |
| Audio output      | 1                                                                      |

## SYSTEM (CAMERAS)

|            |         |
|------------|---------|
| Ram memory | 1024 MB |
| ROM memory | 4096 MB |

## INPUTS/OUTPUTS (CAMERAS)

|       |                       |
|-------|-----------------------|
| Alarm | 2 Entradas / 1 Salida |
|-------|-----------------------|

## STORAGE

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

## AXES

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

