



Pt ip camera of 5 megapixels  
and fix lens

**SD2A500HB-GN-AW-PV-S2**

## VIDEO (CAMERAS)

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Video Resolution  | <b>5 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>DWDR</b>                                                        |
| Images per second | <b>20fps</b>                                                       |
| Video output      | <b>RJ45</b>                                                        |
| Day / night mode  | <b>Colour</b>                                                      |
| Type of Codex     | <b>CBR / VBR</b>                                                   |
| Bit rate          | <b>H.264: 512Kbps ~ 8192Kbps / H.265: 233Kbps ~ 7680Kbps</b>       |
| Compression       | <b>H.265+ / H.265 / H.264</b>                                      |
| Main stream       | <b>5Mpx (1 ~ 20fps) / 4Mpx / 1080P / 1.3Mpx / 720P (1 ~ 25fps)</b> |
| Sub stream        | <b>D1 / CIF (1 ~ 25fps)</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>2</b>                          |
| IR ON/Off               | <b>Automatic / Manual</b>         |
| White light             | <b>2</b>                          |
| White light distance    | <b>30 m</b>                       |
| Smart Dual Illumination | <b>Yes</b>                        |

## PTZ

|                              |                                                              |
|------------------------------|--------------------------------------------------------------|
| Pan / Tilt Range             | <b>Horizontal 345° / Vertical 80°</b>                        |
| Manual speed control         | <b>Horizontal 0.1°/s ~ 74°/s / Vertical 0.1°/s ~ 36.4°/s</b> |
| Speed between presets        | <b>Horizontal 62°/s / Vertical 36.3°/s</b>                   |
| Memories                     | <b>300</b>                                                   |
| Position after power failure | <b>Return to the position before the fault</b>               |
| Idle mode                    | <b>Preset</b>                                                |

## NETWORK FEATURES

|                          |                                                                           |
|--------------------------|---------------------------------------------------------------------------|
| IP connection            | <b>1 RJ45 (10M / 100M)</b>                                                |
| Wi-Fi                    | <b>Yes</b>                                                                |
| ONVIF                    | <b>Yes, S and T type</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 / DMSS / ConfigTool / NVR / Player / Smart Player / Imou</b> |
| Mobile devices           | <b>Android / IOS (Apple)</b>                                              |
| Network disconnection    | <b>Yes</b>                                                                |
| Conflict of IP addresses | <b>Yes</b>                                                                |

## IMAGE

|                          |                                         |
|--------------------------|-----------------------------------------|
| Sensor                   | <b>Starvis Cmos ®</b>                   |
| Sensor resolution        | <b>2560 x 1920</b>                      |
| Sensor Size              | <b>1/2.8'</b>                           |
| Electronic shutter speed | <b>1/3 ~ 1/100000s</b>                  |
| Minimum lighting         | <b>Color: 0.005Lux / B/W: 0.0005Lux</b> |
| Ratio S / N              | <b>More than 55dB</b>                   |

## VIDEO ANALYSIS

|                  |                                     |
|------------------|-------------------------------------|
| Detection type   | <b>Line/area crossing detection</b> |
| Crossing line    | <b>Yes</b>                          |
| Intrusion        | <b>Yes</b>                          |
| Motion detection | <b>Yes</b>                          |
| Audio detection  | <b>Yes</b>                          |
| Video Tamper     | <b>Sí</b>                           |

## AMBIENT

|                       |                       |
|-----------------------|-----------------------|
| Operating temperature | <b>-30 °C ~ 55 °C</b> |
| Degree of protection  | <b>IP66</b>           |
| Use                   | <b>Indoor-outdoor</b> |
| Maximum humidity      | <b>95%</b>            |

# technical datasheet

## POWER CONSUMPTION

|                 |            |
|-----------------|------------|
| Power mode      | DC         |
| Voltage         | 12V        |
| Consumption (w) | 11W        |
| Amperage        | 1500mA     |
| Type PoE        | No dispone |

## LENS

|                           |       |
|---------------------------|-------|
| Lens Type                 | Fix   |
| Focal distance            | 4 mm  |
| Maximum diaphragm opening | F/1.6 |
| Angle of View             | 80.4° |
| Minimum focus distance    | 300mm |

## GENERAL INFORMATION

|                |      |
|----------------|------|
| Serie          | TiOC |
| Technology     | IP   |
| Type of camera | PT   |

## AUDIO(CAMERAS)

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Built in microphone | Yes                                                    |
| Built in speaker    | Yes                                                    |
| Audio compression   | G.711A / G.711U / G.722.1 / G.726 / MPEG2-Layer2 / PCM |

## STORAGE

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

## AXES

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

|                      |     |
|----------------------|-----|
| Lightning protection | 2KV |
|----------------------|-----|

## DISTANCE DORI

|           |      |
|-----------|------|
| Detect    | 77 m |
| Observe   | 31 m |
| Recognize | 16 m |
| Identify  | 8 m  |

## MATERIAL AND DIMENSIONS

|                       |                    |
|-----------------------|--------------------|
| Dimensions            | 140.5 x 111 (Ø) mm |
| Net weight            | 500 g              |
| Weight with packaging | 1000 g             |

## WI-FI

|                 |                      |
|-----------------|----------------------|
| Wi-Fi standard  | IEEE802.11 b / g / n |
| Frequency range | 2.4 GHz              |
| Speed           | 150Mbps              |

## SYSTEM (CAMERAS)

|            |        |
|------------|--------|
| Ram memory | 128 MB |
| ROM memory | 128 MB |