

Code: PTZ85260-HNF-PA-FL

IP SPEED DOME CAMERA OUTDOOR **PTZ85260-HNF-PA-FL** WizMind -  
1080p, 5.6 ... 336 mm DAHUA  
Net: 14 962.96 EUR Gross: 14 962.96 EUR

Intelligent 3D Positioning System.

The biggest advantage of the camera is the lens with x60 optical zoom, which together with long range IR illuminator allow to 24 hours surveillance without any additional lighting even at area of several hundred meters. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

Built-in IR illuminator allows to operate at night conditions, and vari-focal lens with wide range of view angle adjustment enables optimal set the view field of camera to all conditions. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

In addition camera is equipped with lens wiper remote controlled via TCP/IP interface. For a few models of IP cameras working at  $\geq 1920 \times 1080$  resolution we recommend to use of network with 1Gb/s bandwidth.



**SPECIFICATION**

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Standard:                        | IP                                                                    |
| Resolution:                      | 1920 x 1080 - 1080p ,<br>1280 x 960 - 960p ,<br>1280 x 720 - 720p     |
| Sensor:                          | 1/1.8 " STARVIS™ CMOS                                                 |
| Lens:                            | 5.6 ... 336 mm                                                        |
| View angle:                      | 56.4 ° ... 1.2 °                                                      |
| Optical zoom:                    | x 60                                                                  |
| Digital zoom:                    | x 16                                                                  |
| Range of IR illumination:        | 1000 m (Laser)                                                        |
| Memory card slot:                | Micro SD memory cards up to 512GB support (possible local recording)  |
| Preset rotation speed:           | • 160 °/s (horizontal)<br>• 60 °/s (vertical)                         |
| Rotation speed (manual control): | • 0.1 °/s ... 160 °/s (horizontal)<br>• 0.1 °/s ... 60 °/s (vertical) |
| Horizontal rotation range:       | 360 ° continuous                                                      |
| Vertical rotation range:         | -45 ° ... 90 °                                                        |
| Number of presets:               | 300                                                                   |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Horizontal scan:               | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Route settings:                | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RS-485 interface:              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protocols:                     | Pelco-D, Pelco-P, DH-SD Auto detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Image compression method:      | Smart H.265 / H.265 / Smart H.264 / H.264M / H.264H / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Alarm inputs / outputs:        | 7 / 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Video output:                  | CVBS - BNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Audio:                         | <ul style="list-style-type: none"> <li>• Audio input,</li> <li>• Audio output,</li> <li>• Bi-directional audio streaming support,</li> <li>• Audio detection</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main stream frame rate:        | max. 25 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Interface:                     | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ONVIF:                         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Intelligent image analysis:    | <ul style="list-style-type: none"> <li>• crossing the line (tripwire) - classification of people and vehicles</li> <li>• intrusion - classification of people and vehicles</li> <li>• abandoned/missing object</li> <li>• detection of people gathering</li> <li>• loitering detection</li> <li>• fast moving</li> <li>• parking detection</li> <li>• Face recognition</li> <li>• metadata support</li> <li>• Intelligent Object Tracking</li> <li>• Intelligent 3D Positioning System</li> </ul>                                                                                                                                                                                                                                                       |
| Main features:                 | <ul style="list-style-type: none"> <li>• Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image</li> <li>• WDR - Wide Dynamic Range</li> <li>• 2D-DNR, 3D-DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• ICR - Movable InfraRed filter</li> <li>• Auto White Balance</li> <li>• Configurable Privacy Zones</li> <li>• Motion Detection</li> <li>• AGC - Automatic Gain Control</li> <li>• Lens wiper remotely controlled via TCP/IP</li> </ul> |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br><ul style="list-style-type: none"> <li>• Android: Free application <a href="#">DMSS</a></li> <li>• iOS (iPhone): Free application <a href="#">DMSS</a></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Default IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Default admin user / password: | admin / -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Web browser access ports:      | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PC client access ports:        | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mobile client access ports:    | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RTSP URL:                      | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power supply:                  | 36 V DC / 5 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



|                              |                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------|
| Power consumption:           | <ul style="list-style-type: none"> <li>• 25 W</li> <li>• 69 W ( LED IR, Wiper, PTZ )</li> </ul> |
| Housing:                     | Metal                                                                                           |
| Color:                       | Gray + Black                                                                                    |
| "Index of Protection":       | IP67                                                                                            |
| Mechanical protection class: | —                                                                                               |
| Operation temp:              | -40 °C ... 70 °C                                                                                |
| Weight:                      | 15.4 kg (with bracket)                                                                          |
| Dimensions:                  | 252 x 345 x 500 mm (with bracket)                                                               |
| Manufacturer / Brand:        | DAHUA                                                                                           |
| Supported languages:         | English                                                                                         |
| Guarantee:                   | <b>5 years</b>                                                                                  |

## PRESENTATION

Front view:

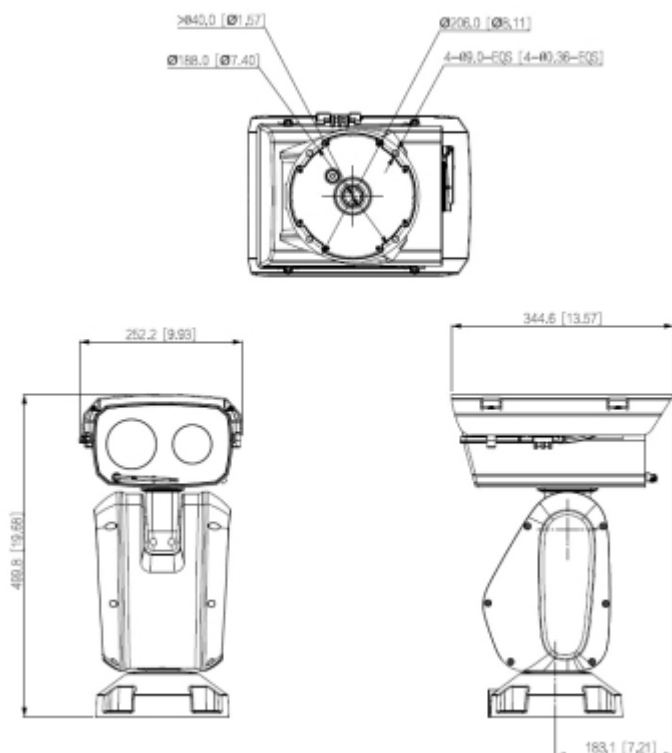




Side view:



Camera and bracket dimensions:



See how to initialize DAHUA cameras:  
:

## OUR OPINIONS



- Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|



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