

Code: PTZ85260-HNF-PA

## IP SPEED DOME CAMERA OUTDOOR **PTZ85260-HNF-PA** - 1080p, 5.6 ... 336 mm DAHUA

### 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.



|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                               |
| Sensor:                   | 1/1.8 " Progressive Scan CMOS                                        |
| Matrix size:              | 2.1 Mpx                                                              |
| Resolution:               | 1920 x 1080 - 1080p ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p |
| Scanning system:          | Progressive                                                          |
| Lens:                     | 5.6 ... 336 mm                                                       |
| View angle:               | 56.4 ° ... 1.2 ° (manufacturer data)                                 |
| Optical zoom:             | x 60                                                                 |
| Digital zoom:             | x 16                                                                 |
| Range of IR illumination: | 400 m                                                                |
| Video output:             | 1 Vpp / 75 Ω                                                         |



# DATA SHEET

|                                  |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preset rotation speed:           | <ul style="list-style-type: none"><li>• 160 °/s (horizontal)</li><li>• 60 °/s (vertical)</li></ul>                                                                                                        |
| Rotation speed (manual control): | <ul style="list-style-type: none"><li>• 0.1 °/s ... 160 °/s (horizontal)</li><li>• 0.1 °/s ... 60 °/s (vertical)</li></ul>                                                                                |
| Horizontal rotation range:       | 360 ° continuous                                                                                                                                                                                          |
| Vertical rotation range:         | -90 ° ... 45 °                                                                                                                                                                                            |
| RS-485 interface:                | ✓                                                                                                                                                                                                         |
| Protocols:                       | Pelco-D, Pelco-P, DH-SD Auto detection                                                                                                                                                                    |
| Number of presets:               | 300                                                                                                                                                                                                       |
| Horizontal scan:                 | ✓                                                                                                                                                                                                         |
| Route settings:                  | 8                                                                                                                                                                                                         |
| Image compression method:        | H.265 / H.264H / H.264B / H.264 / MJPEG                                                                                                                                                                   |
| Alarm inputs / outputs:          | 7 / 2                                                                                                                                                                                                     |
| Audio:                           | <ul style="list-style-type: none"><li>• 1 Audio input</li><li>• 1 Audio output</li><li>• Bi-directional audio streaming support</li></ul>                                                                 |
| Main stream frame rate:          | 1 ... 25 fps - 1080p                                                                                                                                                                                      |
| Network interface:               | 10/100 Base-T (RJ-45)                                                                                                                                                                                     |
| Network protocols:               | IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMPv1/v2c/v3(MIB-2), DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE                                                          |
| WEB Server:                      | Built-in, NVR compliance                                                                                                                                                                                  |
| Max. number of on-line users:    | 20                                                                                                                                                                                                        |
| ONVIF:                           | ✓                                                                                                                                                                                                         |
| Mobile phones support:           | Port no.: 37777 or access by a cloud (P2P) <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:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                           |
| Memory card slot:                | Micro SD memory cards up to 256GB support (possible local recording)                                                                                                                                      |

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| Main features:         | <ul style="list-style-type: none"> <li>• WDR - 120 dB - 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>• EIS - Electronic Image Stabilization</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>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones - 24</li> <li>• AGC - Automatic Gain Control</li> <li>• Sharpness - sharper image outlines</li> <li>• Lens wiper remotely controlled via TCP/IP</li> <li>• IVS analysis : Intelligent Object Tracking, crossing the line (tripwire), intrusion, abandoned/missing object, scene changing, Face recognition, metadata support, classification of people and vehicles, Filtering of false alarms based on the recognition of persons and vehicles (tripwire, intrusion)</li> </ul> |
| Power supply:          | 36 V DC / 2.23 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power consumption:     | <ul style="list-style-type: none"> <li>• 28.7 W</li> <li>• 61.6 W ( LED IR, PTZ, Wiper )</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Housing:               | Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Color:                 | Gray + Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Operation temp:        | -40 °C ... 70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Weight:                | 14.9 kg (with bracket)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions:            | 211 x 400 x 517 mm (with bracket)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Supported languages:   | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Guarantee:             | <b>5 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |