

Code: GEMINI-822-A43PW

## IP CAMERA **GEMINI-822-A43PW** - 1080p 2.8 ... 12 mm

Net: **135.91 EUR** Gross: **135.91 EUR**

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras. Its using allows to create large surveillance system. ICR - The movable IR filter allows to perfect colors reproduction in daylight and wide gray-scale with high sharpness of the image at night mode. PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



### SPECIFICATION

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                        |
| Sensor:                          | 1/2.9 " Sony CMOS IMX222                                                      |
| Digital Image Processor:         | Hisilicon 3516C                                                               |
| Matrix size:                     | 2.43 Mpx                                                                      |
| Resolution:                      | 1920 x 1080 - 1080p<br>1280 x 720 - 720p<br>960 x 544 - qHD<br>720 x 576 - D1 |
| Lens:                            | 2.8 ... 12 mm, 3 Mpx (Auto-Iris DC)                                           |
| View angle:                      | 82 ° ... 24 ° (manufacturer data)<br>93 ° ... 32 ° (our tests result)         |
| S/N ratio:                       | > 50 dB                                                                       |
| IR illuminator power adjustment: | By potentiometer                                                              |
| Range of IR illumination:        | 50 m - IR LED matrix                                                          |
| Compression:                     | H.264, MJPEG                                                                  |
| Alarm inputs / outputs:          | —                                                                             |
| Protocols:                       | Pelco-D, Pelco-P and others                                                   |
| Bitrate:                         | 64 ... 12000 kbps                                                             |
| Main stream frame rate:          | max. 25 fps - 1080p                                                           |
| Network interface:               | 10/100 Base-T (RJ-45)                                                         |
| Network protocols:               | TCP/IP, UDP, HTTP, DHCP, RTP/RTSP, DNS, DDNS, NTP, PPPOE, UPNP, SMTP          |
| Audio:                           | —                                                                             |
| WEB Server:                      | Built-in                                                                      |
| Max. number of on-line users:    | 10                                                                            |
| ONVIF:                           | 2.21 - port 8000                                                              |
| RS-485 interface:                | —                                                                             |
| Mobile phones support:           | Android, iOS (iPhone, iPad) - mobile port 5053                                |

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• WDR - Wide Dynamic Range</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Time mark and image description</li> <li>• Image rotation and mirror</li> <li>• Configurable: brightness, contrast, saturation</li> <li>• Sharpness - sharper image outlines</li> <li>• Day/Night mode - configurable</li> <li>• Possibility to add different privileges to the users</li> <li>• Privacy zones - max. 4</li> </ul> |
| Vandal-proof:          | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power supply:          | <ul style="list-style-type: none"> <li>• PoE (802.3af)</li> <li>• 12 V DC / 660 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Housing:               | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:        | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Weight:                | 0.915 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dimensions:            | 245 x 122 x 86 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Supported languages:   | English, Polish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:  | GEMINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Guarantee:             | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## PRESENTATION

Front view:



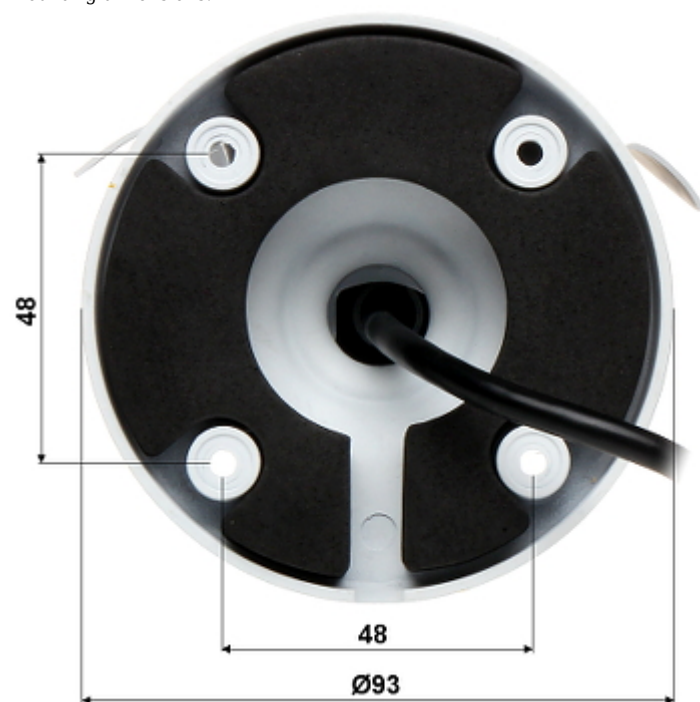
Side view:



On the bottom side of the camera there is an open cover, after open it there are lens and IR illuminator adjustment knobs available:



Mounting dimensions:



Camera connectors:



In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



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## OUR OPINIONS



- Very well working motion detection with FLEX IP, BCS IP DVR models cooperation.

## PACKAGE

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



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