

Code: APTI-86C6-27135WP-Z

# IP CAMERA **APTI-86C6-27135WP-Z** - 8.3 Mpx, 4K UHD 2.7 ... 13.5 mm - MOTOZOOM

Net: **157.15 EUR** Gross: **157.15 EUR**

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 - 4K.

Camera bracket allows to adjust the camera to any direction, and power cables are hidden inside the bracket. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

The used motozoom lens with 2.7 ... 13.5 mm focal length allows to remote view angle adjustment. PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

The camera has extensive functions of intelligent image analysis.



## SPECIFICATION

|                           |                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | IP                                                                                                                                                                                           |
| Sensor:                   | 1/2.8 " SONY Starvis™ Back-illuminated CMOS                                                                                                                                                  |
| Resolution:               | 3840 x 2160 - 8.3 Mpx, 4K UHD ,<br>3072 x 2048 - 6 Mpx ,<br>2592 x 1536 - 4 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 720 - 720p                                   |
| Lens:                     | 2.7 ... 13.5 mm - Motozoom                                                                                                                                                                   |
| View angle:               | <ul style="list-style-type: none"><li>• 96 ° ... 26 ° (manufacturer data)</li><li>• 100 ° ... 32 ° (our tests result)</li></ul>                                                              |
| Range of IR illumination: | 60 m                                                                                                                                                                                         |
| Image compression method: | H.265+ / H.265 / H.264+ / H.264                                                                                                                                                              |
| Main stream frame rate:   | max. 20 fps - 8 Mpx<br>max. 25 fps - 3.7 Mpx                                                                                                                                                 |
| Network interface:        | 10/100 Base-T (RJ-45)                                                                                                                                                                        |
| Alarm inputs / outputs:   | 1 / 1                                                                                                                                                                                        |
| Audio:                    | <ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li><li>• Audio transmission via network</li></ul> |
| Network protocols:        | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP, SNMP                                                                                                |
| WEB Server:               | Built-in                                                                                                                                                                                     |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. number of on-line users:  | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ONVIF:                         | 19.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Memory card slot:              | Micro SD memory cards up to 512GB support (possible local recording) (manufacturer data)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Mobile phones support:         | Port no.: 80 or access by a cloud (P2P)<br>• Android: Free application <a href="#">BitVision</a><br>• iOS (iPhone): Free application <a href="#">BitVision</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Default IP address:            | 192.168.1.168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Default admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Web browser access ports:      | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PC client access ports:        | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Mobile client access ports:    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RTSP URL:                      | rtsp://user:password@ip_address:80/0 - Main stream<br>rtsp://user:password@ip_address:80/1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Intelligent image analysis:    | <ul style="list-style-type: none"> <li>• intrusion - classification of people and vehicles</li> <li>• crossing the line (tripwire) - classification of people and vehicles</li> <li>• loitering detection</li> <li>• detection of people gathering</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• HLC - High Light Compensation (spot)</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• ICR - Movable InfraRed filter</li> <li>• Privacy zones</li> <li>• Day/Night mode - configurable</li> <li>• Mirror - Mirror image</li> <li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 850 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power consumption:             | ≤ 10.2 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Housing:                       | Compact - Aluminum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operation temp:                | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weight:                        | 1.08 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:                    | 270 x 90 x 90 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Supported languages:           | Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Manufacturer / Brand:          | APTI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Guarantee:                     | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## PRESENTATION

Front view:



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Side view:



Bottom view:

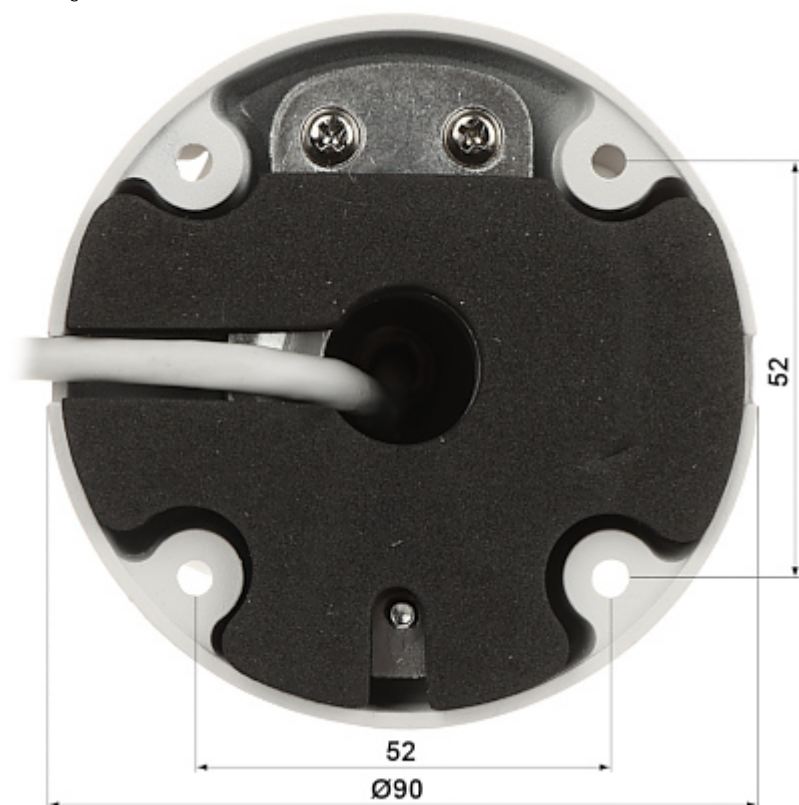


Memory card slot:





Mounting side view:



Camera connectors:

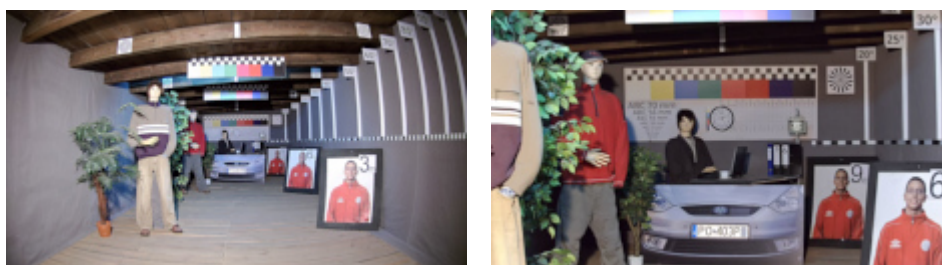


In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



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



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Camera image at direct strong light opposite to camera:



## PACKAGE

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