

Code: APTI-82C2-28WP

## IP CAMERA **APTI-82C2-28WP** - 8.3 Mpx, 4K UHD 2.8 mm

Net: **80.39 EUR** Gross: **80.39 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).

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

Camera is according to IP66 Index of Protection norm.



### SPECIFICATION

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                                                                            |
| Sensor:                          | 1/2.7 " SmartSens CMOS                                                                                                            |
| Matrix size:                     | 8.44 Mpx                                                                                                                          |
| Resolution:                      | 3840 x 2160 - 8.3 Mpx, 4K UHD ,<br>2592 x 1536 - 4 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 720 - 720p |
| Lens:                            | 2.8 mm                                                                                                                            |
| View angle:                      | 95 °                                                                                                                              |
| S/N ratio:                       | > 52 dB                                                                                                                           |
| Range of IR illumination:        | 20 m                                                                                                                              |
| IR illuminator power adjustment: | Automatic                                                                                                                         |
| Image compression method:        | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                           |
| Main stream frame rate:          | 20 fps @ 8 Mpx                                                                                                                    |
| Network interface:               | 10/100 Base-T (RJ-45)                                                                                                             |
| Alarm inputs / outputs:          | —                                                                                                                                 |
| Audio:                           | —                                                                                                                                 |
| Network protocols:               | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP                                           |
| WEB Server:                      | Built-in - port 80                                                                                                                |
| Max. number of on-line users:    | 10                                                                                                                                |

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| ONVIF:                         | 2.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Memory card slot:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Default IP address:            | 192.168.1.168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Web browser access ports:      | 80, 443                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PC client access ports:        | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mobile client access ports:    | 6000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Port ONVIF:                    | 8999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RTSP URL:                      | rtsp://user:password@ip_address:554/0 - Main stream<br>rtsp://user:password@ip_address:554/1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Main features:                 | <ul style="list-style-type: none"> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• ICR - Movable InfraRed filter</li> <li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• HLC - High Light Compensation (spot)</li> <li>• BLC - Back Light Compensation</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Motion Detection</li> <li>• Privacy zones</li> <li>• Mirror - Mirror image</li> <li>• Sharpness - sharper image outlines</li> <li>• Day/Night mode - configurable</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 300 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption:             | ≤ 3.6 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Housing:                       | Compact, Aluminum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation temp:                | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Weight:                        | 0.42 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions:                    | 73 x 70 x 171 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supported languages:           | Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Manufacturer / Brand:          | APTi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Guarantee:                     | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## PRESENTATION



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Side view:



Mounting side view:



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:



## OUR OPINIONS



- Small dimensions of the camera.

## PACKAGE

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



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