

Code: APTI-27C61-2812P

## IP CAMERA **APTI-27C61-2812P** - 1080p 2.8 ... 12 mm

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p.

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.



|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                |
| Sensor:                          | 1/2.8 " Sony CMOS IMX322                                              |
| Digital Image Processor:         | AMBARELLA S2L                                                         |
| Matrix size:                     | 2.4 Mpx                                                               |
| Resolution:                      | 1920 x 1080 - 1080p                                                   |
| Lens:                            | 2.8 ... 12 mm, 3 Mpx                                                  |
| View angle:                      | 93 ° ... 30 ° (manufacturer data)<br>94 ° ... 35 ° (our tests result) |
| S/N ratio:                       | > 52 dB                                                               |
| Range of IR illumination:        | 60 m (manufacturer data)<br>40 m (our tests result)                   |
| IR illuminator power adjustment: | Automatic                                                             |
| Image compression method:        | H.264 / MJPEG                                                         |
| Alarm inputs / outputs:          | —                                                                     |
| Bitrate:                         | 64 ... 12000 kbps                                                     |
| Main stream frame rate:          | 30 fps @ 1080p                                                        |
| Network interface:               | 10/100 Base-T (RJ-45)                                                 |
| Default admin user / password:   | admin / admin                                                         |



# DATA SHEET

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network protocols:            | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP                                                                                                                                                                                                                                                                                                                                                                                                   |
| Default IP address:           | 192.168.1.168                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Audio:                        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Web browser access ports:     | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PC client access ports:       | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WEB Server:                   | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mobile client access ports:   | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Max. number of on-line users: | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Port ONVIF:                   | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ONVIF:                        | 2.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RTSP URL:                     | rtsp://user:password@ip_address:80/0 - Main stream<br>rtsp://user:password@ip_address:80/1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                       |
| Mobile phones support:        | Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">FREEIP</a></li><li>• iOS (iPhone): Free application <a href="#">FREEIP</a></li></ul>                                                                                                                                                                                                                                                                    |
| RS-485 interface:             | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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>• Motion Detection</li><li>• Privacy zones</li><li>• Configurable: brightness, contrast, saturation</li><li>• Sharpness - sharper image outlines</li><li>• Mirror - Mirror image</li><li>• Day/night mode</li><li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li></ul> |
| Power supply:                 | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 500 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                   |
| Power consumption:            | ≤ 6 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Housing:                      | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Color:                        | Graphite                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Index of Protection":        | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Supported languages:          | English, Bulgarian, Chinese, French, Spanish, Japanese, Korean, German, Polish, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                                                                                                                                         |
| Operation temp:               | -20 °C ... 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Weight:                       | 1.022 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:                   | 283 x 90 x 80 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer / Brand:         | APTI                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Guarantee:                    | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |