

Code: APTI-33C6-2812P

## IP CAMERA **APTI-33C6-2812P** - 3.1 Mpx 2.8 ... 12 mm

IP camera with efficient H.264/H.265/MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 2048 x 1536 (3.0 MPx). Camera bracket allows to adjust the camera to any direction, and power cables are hidden inside the bracket. 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 IMX123                                                                                                          |
| Digital Image Processor:         | Hisilicon 3516D                                                                                                                   |
| Matrix size:                     | 3.1 Mpx                                                                                                                           |
| Resolution:                      | 2048 x 1536 - 3.1 Mpx ,<br>1920 x 1080 - 1080p                                                                                    |
| Lens:                            | 2.8 ... 12 mm, 5 Mpx                                                                                                              |
| View angle:                      | <ul style="list-style-type: none"> <li>• 85 ° ... 23 ° (manufacturer data)</li> <li>• 87 ° ... 35 ° (our tests result)</li> </ul> |
| S/N ratio:                       | > 50 dB                                                                                                                           |
| Range of IR illumination:        | 60 m                                                                                                                              |
| IR illuminator power adjustment: | Automatic                                                                                                                         |
| Audio:                           | External microphone input - CINCH                                                                                                 |
| Image compression method:        | H.265 / H.264 / MJPEG                                                                                                             |
| Alarm inputs / outputs:          | —                                                                                                                                 |
| Bitrate:                         | 64 ... 12000 kbps                                                                                                                 |
| Main stream frame rate:          | max. 30 fps - 2048 x 1536                                                                                                         |
| Network interface:               | 10/100 Base-T (RJ-45)                                                                                                             |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Network protocols:             | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Default IP address:            | 192.168.1.168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Default admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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:  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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)<br>• Android: Free application <a href="#">FREEIP</a><br>• iOS (iPhone): Free application <a href="#">FREEIP</a>                                                                                                                                                                                                                                                                                                                                                                                     |
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Main features:                 | <ul style="list-style-type: none"><li>• WDR - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• ICR - Movable InfraRed filter</li><li>• RESET button - on the cable</li><li>• Mirror - Mirror image</li><li>• Motion Detection</li><li>• Privacy zones</li><li>• Configurable: brightness, contrast, saturation</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 / 730 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power consumption:             | ≤ 9 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Housing:                       | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Color:                         | Graphite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supported languages:           | English, Bulgarian, Chinese, French, Spanish, Dutch, Japanese, Korean, German, Polish, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operation temp:                | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weight:                        | 1.02 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:                    | 285 x 87 x 100 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:          | APTI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Guarantee:                     | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |