

Code: APTI-250D3-2812WP

## IP VANDALPROOF CAMERA **APTI-250D3-2812WP** - 3.0 Mpx 2.8 ... 12 mm

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 3 MPx.

The camera housing is integrated with the spacer bracket, which allows to easily hide the connectors. 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 IMX307, STARVIS Back-illuminated                                                                                |
| Digital Image Processor:  | Hisilicon 3516C                                                                                                                   |
| Matrix size:              | 3 Mpx                                                                                                                             |
| Resolution:               | 2048 x 1536 - 3.0 Mpx ,<br>1920 x 1080 - 1080p                                                                                    |
| Lens:                     | 2.8 ... 12 mm                                                                                                                     |
| View angle:               | <ul style="list-style-type: none"> <li>• 85 ° ... 23 ° (manufacturer data)</li> <li>• 95 ° ... 38 ° (our tests result)</li> </ul> |
| S/N ratio:                | ≥ 52 dB                                                                                                                           |
| Range of IR illumination: | 30 m                                                                                                                              |
| Memory card slot:         | —                                                                                                                                 |
| Image compression method: | H.265 / H.265+ / H.264 / H.264+ / MJPEG                                                                                           |
| Bitrate:                  | 24 ... 9472 kbps - H.264<br>14 ... 5632 kbps - H.265                                                                              |



# DATA SHEET

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| Main stream frame rate:        | max. 25 fps - 3 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Network protocols:             | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Audio:                         | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Max. number of on-line users:  | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ONVIF:                         | 2.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Default admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Default IP address:            | 192.168.1.168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:                 | <ul style="list-style-type: none"><li>• 3D-DNR - Digital Noise Reduction</li><li>• WDR - Wide Dynamic Range</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>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li><li>• ICR - Movable InfraRed filter</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Motion Detection</li><li>• Privacy zones</li><li>• Configurable: brightness, contrast, saturation</li><li>• Mirror - Mirror image</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 / 440 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power consumption:             | ≤ 5.3 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Housing:                       | Dome - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Vandal-proof:                  | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Operation temp:                | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Weight:                        | 0.98 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



# DATA SHEET

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| Dimensions:           | Ø 142 x 142 mm                                                                                           |
| Supported languages:  | Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian |
| Manufacturer / Brand: | APTI                                                                                                     |
| Guarantee:            | 2 years                                                                                                  |