

Code: APTI-RF50C6-2812W

## IP CAMERA **APTI-RF50C6-2812W** Wi-Fi - 5 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 1920 x 1080 (1080p).

The used Wi-Fi module allows to remote communication with camera for max. distance up to 50 m.



|                           |                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                           |
| Sensor:                   | 1/2.7 " Progressive Scan CMOS                                                                    |
| Matrix size:              | 5.0 Mpx                                                                                          |
| Resolution:               | 2592 x 1944 - 5 Mpx ,<br>2560 x 1920 - 5 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>1920 x 1080 - 1080p |
| Lens:                     | 2.8 ... 12 mm                                                                                    |
| View angle:               | • 88 ° ... 25 (manufacturer data)<br>• 93 ° ... 34 ° (our tests result)                          |
| Range of IR illumination: | 60 m                                                                                             |
| RS-485 interface:         | —                                                                                                |
| Image compression method: | H.265 / H.265+ / H.264 / H.264+ / MJPEG                                                          |
| Alarm inputs / outputs:   | —                                                                                                |
| Audio:                    | —                                                                                                |



# DATA SHEET

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| Memory card slot:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main stream frame rate:        | 15 fps @ 5 Mpx<br>25 fps @ 3.7 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Network interface:             | <ul style="list-style-type: none"><li>• 10/100 Base-T (RJ-45)</li><li>• Wi-Fi : 802.11n/g/b</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Network protocols:             | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Max. number of on-line users:  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ONVIF:                         | 2.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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<br>rtsp://user:password@ip_address:80/2 - Sub stream 2                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Main features:                 | <ul style="list-style-type: none"><li>• 3D-DNR - Digital Noise Reduction</li><li>• D-WDR - Wide Dynamic Range</li><li>• ROI - improve the quality of selected parts of image</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li><li>• BLC - Back Light Compensation</li><li>• ICR - Movable InfraRed filter</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Motion Detection</li><li>• Image analysis</li><li>• Mirror - Mirror image</li></ul> |
| Power supply:                  | 12 V DC / 590 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power consumption:             | ≤ 7.1 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Housing:                       | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operation temp:                | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight:                        | 0.8 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dimensions:                    | 222 x 86 x 90 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |



## DATA SHEET

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