

Code: APTI-250V3-2812WP

## IP VANDALPROOF CAMERA **APTI-250V3-2812WP** - 1080p 2.8 ... 12 mm

Net: **84.99 USD** Gross: **104.54 USD**



IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Included camera software enables management and integrated monitoring of many network cameras. Its using allows to create large surveillance system.

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

### SPECIFICATION

|                           |  |
|---------------------------|--|
| Standard:                 | TCP/IP   |
| Digital Image Processor:  | Hisilicon 3516C  |
| Sensor:                   | 1/2.8 " Sony CMOS IMX290, STARVIS Back-illuminated   |
| Matrix size:              | 2.1 Mpx  |
| Resolution:               | 1920 x 1080 - 1080p  |
| Operation modes:          | The main and sub streams can only occur in the configurations shown below :<br>Firmware 3516CV300_IMX290_TF_W_7.1.35.4<br>• Main stream : 1920 x 1080 + Sub stream : 720 x 480 + 352 x 288<br>• Main stream : 1920 x 1080 + Sub stream : 640 x 480 + 352 x 288 |
| Lens:                     | 2.8 ... 12 mm, 3 Mpx   |
| View angle:               | • 85 ° ... 23 ° (manufacturer data)<br>• 96 ° ... 37 ° (our tests result)  |
| S/N ratio:                | > 50 dB  |
| Range of IR illumination: | 30 m   |
| Memory card slot:         | —  |
| Image compression method: | H.265 / H.265+ / H.264 / H.264+  |
| Bitrate:                  | 24 ... 9472 kbps - H.264<br>14 ... 5632 kbps - H.265   |
| Main stream frame rate:   | max. 25 fps - 1080p  |
| Network interface:        | 10/100 Base-T (RJ-45)  |

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|                                |  |
|--------------------------------|--|
| Alarm inputs / outputs:        | —  |
| Network protocols:             | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP  |
| Audio:                         | External microphone input  |
| 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)<br><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>• 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>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• RESET button - on the cable</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 480 mA</li> </ul>   |
| Power consumption:             | ≤ 5.8 W  |
| Housing:                       | Dome - Metal   |
| Vandal-proof:                  | ✓  |
| Color:                         | White  |
| "Index of Protection":         | IP66   |
| Operation temp:                | -20 °C ... 55 °C   |
| Weight:                        | 0.61 kg  |
| Dimensions:                    | Ø 120 x 96 mm  |
| Supported languages:           | English, Bulgarian, Czech, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian   |
| Manufacturer / Brand:          | APTI   |
| Guarantee:                     | 2 years  |

## PRESENTATION



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Camera is out from clamping ring:



Mounting side view:



In the kit:



Configuration and operation of the FreeIP cloud:

:

## 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:

