

Code: APTI-28E2-36W

## IP VANDALPROOF CAMERA **APTI-28E2-36W** - 1080p 3.6 mm

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.



|                               |                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Standard:                     | TCP/IP                                                                                                          |
| Digital Image Processor:      | Hisilicon 3516D                                                                                                 |
| Sensor:                       | 1/2.8 " Sony CMOS IMX290 - STARVIS Back-illuminated                                                             |
| Matrix size:                  | 2.13 Mpx                                                                                                        |
| Resolution:                   | 1920 x 1080 - 1080p                                                                                             |
| Lens:                         | 3.6 mm, 3.0 Mpx                                                                                                 |
| View angle:                   | <ul style="list-style-type: none"> <li>• 75 ° (manufacturer data)</li> <li>• 86 ° (our tests result)</li> </ul> |
| Range of IR illumination:     | 20 m                                                                                                            |
| Image compression method:     | H.265 / H.264                                                                                                   |
| Bitrate:                      | 64 ... 12000 kbps                                                                                               |
| Main stream frame rate:       | max. 25 fps - 1080p                                                                                             |
| Network interface:            | 10/100 Base-T (RJ-45)                                                                                           |
| Alarm inputs / outputs:       | —                                                                                                               |
| Network protocols:            | RTSP, PPPOE, DHCP, DDNS, NTP, UPnP                                                                              |
| WEB Server:                   | Built-in - port 80                                                                                              |
| Max. number of on-line users: | 10                                                                                                              |
| ONVIF:                        | 2.4 - port 80                                                                                                   |
| RS-485 interface:             | —                                                                                                               |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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:554/0 - Main stream<br>rtsp://user:password@ip_address:554/1 - Sub stream                                                                                                                                                                                                                                                     |
| 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>• Possibility to change the resolution, quality and bit rate</li><li>• Mirror - Mirror image</li><li>• Day/Night mode - configurable</li></ul> |
| Vandal-proof:                  | ✓                                                                                                                                                                                                                                                                                                                                                             |
| Power supply:                  | 12 V DC / 320 mA                                                                                                                                                                                                                                                                                                                                              |
| Housing:                       | Dome - Metal                                                                                                                                                                                                                                                                                                                                                  |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                         |
| "Index of Protection":         | IP54                                                                                                                                                                                                                                                                                                                                                          |
| Operation temp:                | -20 °C ... 55 °C                                                                                                                                                                                                                                                                                                                                              |
| Weight:                        | 0.285 kg                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:                    | Ø 119 x 63 mm                                                                                                                                                                                                                                                                                                                                                 |
| Supported languages:           | English, Bulgarian, Chinese, French, Spanish, Japanese, Korean, German, Polish, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                         |
| Manufacturer / Brand:          | APTI                                                                                                                                                                                                                                                                                                                                                          |
| Guarantee:                     | 2 years                                                                                                                                                                                                                                                                                                                                                       |