

Code: APTI-27VA3-2812W

IP VANDALPROOF CAMERA **APTI-27VA3-2812W** - 1080p 2.8 ... 12 mm

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p (2.4 MPx). Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras. Its using allows to create large surveillance system.

ICR - The movable IR filter allows to perfect colors reproduction in daylight and wide gray-scale with high sharpness of the image at night mode.

Using audio signals in CCTV systems allows to increase the whole system effectiveness.



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|---------------------------|---|
| Standard: | TCP/IP |
| Digital Image Processor: | AMBARELLA S2L |
| Sensor: | 1/2.8 " Sony CMOS IMX322 |
| Matrix size: | 2.4 Mpx |
| Resolution: | 1920 x 1080 - 1080p |
| Lens: | 2.8 ... 12 mm, 3.0 Mpx |
| View angle: | 85 ° ... 24 ° (manufacturer data) 92 ° ... 38 ° (our tests result) |
| S/N ratio: | > 50 dB |
| Range of IR illumination: | 30 m |
| Memory card slot: | — |
| Image compression method: | H.264 |
| Bitrate: | 64 ... 12000 kbps |
| Main stream frame rate: | max. 30 fps - 1080p |
| Network interface: | 10/100 Base-T (RJ-45) |
| Alarm inputs / outputs: | — |



DATA SHEET

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|--------------------------------|--|
| Network protocols: | RTSP, DHCP, DDNS, NTP, HTTP |
| 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) • Android: Free application FREEIP • iOS (iPhone): Free application FREEIP |
| 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 rtsp://user:password@ip_address:80/1 - Sub stream |
| Main features: | <ul style="list-style-type: none">• ICR - Movable InfraRed filter• 3D-DNR - Digital Noise Reduction• WDR - Wide Dynamic Range• ISO+ - improve image quality when working at night conditions with active IR illuminator• Possibility to change the resolution, quality and bit rate• Motion Detection• Privacy zones• Configurable: brightness, contrast, saturation• Sharpness - sharper image outlines• Mirror - Mirror image |
| Power supply: | 12 V DC / 540 mA |
| Housing: | Dome - Metal |
| Vandal-proof: | ✓ |
| Color: | White |
| "Index of Protection": | IP66 |
| Operation temp: | -20 °C ... 55 °C |
| Weight: | 0.615 kg |
| Dimensions: | Ø 120 x 95 mm |
| Supported languages: | English, Bulgarian, Chinese, French, Spanish, Dutch, Japanese, Korean, German, Polish, Portuguese, Russian, Turkish, Italian |
| Manufacturer / Brand: | APTI |
| Guarantee: | 2 years |