

Code: APTI-AI504VA3-2812W

IP CAMERA **APTI-AI504VA3-2812W** - 5 Mpx 2.8 ... 12 mm

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 5 Mpx.

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 Starvis™ Back-illuminated CMOS
Matrix size:	5 Mpx
Resolution:	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	2.8 ... 12 mm
View angle:	• 95 ° ... 29 ° (manufacturer data) • 87 ° ... 33 ° (our tests result)
Range of IR illumination:	30 m
Memory card slot:	—
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Main stream frame rate:	25 fps @ 5 Mpx
Network interface:	10/100 Base-T (RJ-45)
Alarm inputs / outputs:	—



DATA SHEET

Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, PPPoE, SMTP, UDP, SNMP
Audio:	• External microphone input, • Audio output, • Bi-directional audio streaming support, • Audio transmission via network
WEB Server:	Built-in
Max. number of on-line users:	3
ONVIF:	19.12
RS-485 interface:	—
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) • Android: Free application BitVision • iOS (iPhone): Free application BitVision
Default IP address:	192.168.1.168
Default admin user / password:	admin / admin The administrator password should be set at the first start
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 rtsp://user:password@ip_address:554/1 - Sub stream
Main features:	• Intelligent Image Analysis : intrusion, crossing the line (tripwire), loitering detection, detection of people gathering • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • ICR - Movable InfraRed filter • Mirror - Mirror image • Motion Detection • Privacy zones - max. 3 • Configurable: brightness, contrast, saturation • Sharpness - sharper image outlines • RESET button - on the cable
Power supply:	12 V DC / 600 mA PoE (802.3af)
Power consumption:	≤ 7.2 W
Housing:	Dome - Metal
Vandal-proof:	—
Color:	White
"Index of Protection":	IP67
Operation temp:	-20 °C ... 60 °C



DATA SHEET

Weight:	0.64 kg
Dimensions:	Ø 119 x 98 mm
Supported languages:	Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	APTI
Guarantee:	2 years