

Code: APTI-AI803CA3IL-28W

## IP CAMERA **APTI-AI803CA3IL-28W** - 8.3 Mpx 4K UHD 2.8 mm

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 8.3 MPx, 4K UHD.

The device is equipped with Hybrid Light technology, thanks to which the user has a choice of white light mode and IR (infrared) mode. When Hybrid Light is active, the white light will turn on automatically only when an object is detected in the monitored area, which effectively improves the image quality. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

The camera has extensive functions of intelligent image analysis. PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.





# DATA SHEET

Standard:	IP
Resolution:	3840 x 2160 - 8.3 Mpx 4K UHD , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Sensor:	1/2.8 " SONY Starvis™ Back-illuminated CMOS
Lens:	2.8 mm @ F1.0
View angle:	96 °
Range of IR illumination:	40 m
White light LED illuminator range:	30 m
Memory card slot:	—
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG / AVI / JPEG
Alarm inputs / outputs:	—
Audio:	<ul style="list-style-type: none"><li>• Microphone built-in,</li><li>• Audio transmission via network,</li><li>• Compliance with the AAC standard</li></ul>
Main stream frame rate:	20 fps @ 8.3 Mpx
Interface:	10/100 Base-T (RJ-45)
WEB Server:	Built-in
Max. number of on-line users:	10
ONVIF:	19.12
Intelligent Image Analysis:	<ul style="list-style-type: none"><li>• intrusion - classification of people and vehicles</li><li>• crossing the line (tripwire) - classification of people and vehicles</li><li>• loitering detection (human silhouette)</li><li>• detection of people gathering (human silhouette)</li><li>• motion detection based on human detection</li><li>• entering the marked area - classification of people and vehicles</li><li>• leaving the marked area - classification of people and vehicles</li></ul>
Main features:	<ul style="list-style-type: none"><li>• WDR - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li><li>• ROI - improve the quality of selected parts of image</li><li>• Full Color - colorful night mode</li><li>• Configurable: brightness, contrast, saturation</li><li>• Sharpness - sharper image outlines</li><li>• HLC - High Light Compensation (spot)</li><li>• BLC - Back Light Compensation</li><li>• Privacy zones - max. 3</li><li>• Mirror - Mirror image</li><li>• Auto White Balance</li><li>• video tampering</li><li>• Lens distortion correction</li><li>• Corridor mode</li><li>• ICR - Movable InfraRed filter</li><li>• AGC - Automatic Gain Control</li></ul>
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: <a href="#">BitVision</a> free application</li><li>• iOS (iPhone): <a href="#">BitVision</a> free application</li></ul>





# DATA SHEET

Default IP address:	192.168.1.168
Default admin user / password:	admin / admin
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
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 390 mA</li></ul>
Power consumption:	≤ 4.7 W
Housing:	Compact - Metal
Color:	White
"Index of Protection":	IP67
Mechanical protection class:	—
Operation temp:	-20 °C ... 60 °C
Weight:	0.43 kg
Dimensions:	175 x 71 x 68 mm
Supported languages:	Polish, English, French, Hebrew, Spanish, Portuguese, Russian, Ukrainian, Hungarian, Italian
Manufacturer / Brand:	APTI
Guarantee:	2 years

