DATA SHEET

Code: APTI-RF50B

IP CAMERA **APTI-RF50B** Wi-Fi - 5.0 Mpx

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2592 x 1944 (5.0 MPx).
PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.
The used Wi-Fi module allows to remote communication with camera for max. distance up to 50 m.



Standard:	TCP/IP
Sensor:	1/2.7 " OmniVision CMOS
Matrix size:	5.0 Mpx
Resolution:	2592 x 1944 - 5.0 Mpx , 2560 x 1920 - 5.0 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Video output:	1 Vpp / 75 Ω
Lens:	–
Auto Iris socket:	DC
Min. illumination:	• 0.1 Lux (color) / F1.2 • 0.01 Lux (B/W) / F1.2
S/N ratio:	> 52 dB
Image compression method:	H.264 / H.265 / H.265+
Alarm inputs / outputs:	1 / 1

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RS-485 interface:	✔
Protocols:	Pelco-D, Pelco-P and others
Main stream frame rate:	15 fps @ 5 Mpx 25 fps @ 3.7 Mpx
Network interface:	10/100 Base-T (RJ-45), Wi-Fi IEEE 802.11 b/g/n
Network protocols:	TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP, ONVIF
Audio:	• External microphone input • Audio output • Bi-directional audio streaming support
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.4
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
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
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 rtsp://user:password@ip_address:80/2 - Sub stream 2
Main features:	• 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • WDR - Wide Dynamic Range • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • BLC - configurable Back Light Compensation • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • Day/Night mode (color/b&w/auto) • Motion Detection • Audio detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	• 12 V DC / 300 mA • PoE (802.3af)
Power consumption:	< 4 W
Housing:	BOX, Metal
Color:	White

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Operation temp:	-10 °C ... 50 °C
Weight:	0.60 kg
Dimensions:	160 x 81 x 58 mm
Manufacturer / Brand:	APTI
Supported languages:	Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian
Guarantee:	2 years

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