DATA SHEET

Code: APTI-250V2-28WP

IP CAMERA **APTI-250V2-28WP** - 1080p 2.8 mm

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p.
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 CMOS IMX290 STARVIS Back-illuminated
Digital Image Processor:	Hisilicon 3516C
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p
Lens:	2.8 mm, 3.0 Mpx
View angle:	• 85 ° (manufacturer data) • 107 ° (our tests result)
Range of IR illumination:	20 m
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Audio:	–
Image compression method:	H.265 / H.264 / MJPEG
Alarm inputs / outputs:	–
Bitrate:	64 ... 12000 kbps

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Main stream frame rate:	max. 30 fps - 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP
WEB Server:	Built-in
Max. number of on-line users:	10
ONVIF:	2.4
Main features:	• HDR (High Dynamic Range) - the wide range of light dynamics provides a very good distinguishing of details on both the light and the dark areas of the image • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ICR - Movable InfraRed filter • 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 • Mirror - Mirror image • Day/Night mode - configurable
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) • Android: Free application FREEIP • iOS (iPhone): Free application FREEIP
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
Color:	White
Power supply:	• PoE (802.3af), • 12 V DC / 370 mA
Power consumption:	≤ 4.5 W
Housing:	Dome - Metal
"Index of Protection":	IP66
Operation temp:	-20 °C ... 55 °C
Dimensions:	Ø 93 x 71 mm
Weight:	0.31 kg
Supported languages:	English, Bulgarian, Czech, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	APTI

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Guarantee:	2 years

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