

Code: APTI-33VA3-2812P

## IP VANDALPROOF CAMERA **APTI-33VA3-2812P** - 3.0 Mpx 2.8 ... 12 mm

Net: **77.77 EUR** Gross: **77.77 EUR**

IP camera with efficient H.264/H.265/MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 2048 x 1536 (3.0 MPx). Included camera software enables management and integrated monitoring of many network cameras. Its using allows to create large surveillance system. PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



### SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.8 " Sony CMOS IMX123
Digital Image Processor:	Hisilicon 3516D
Matrix size:	3.1 Mpx
Resolution:	2048 x 1536 - 3.0 Mpx , 1920 x 1080 - 1080p ,
Lens:	2.8 ... 12 mm, 5 Mpx
View angle:	<ul style="list-style-type: none"><li>• 85 ° ... 23 ° (manufacturer data)</li><li>• 70 ° ... 30 ° (our tests result)</li></ul>
S/N ratio:	> 52 dB
Range of IR illumination:	30 m
Memory card slot:	—
Image compression method:	H.265 / H.264 / MJPEG
Bitrate:	64 ... 12000 kbps
Main stream frame rate:	max. 30 fps - 2048 x 1536 px
Network interface:	10/100 Base-T (RJ-45)
Alarm inputs / outputs:	—
Audio:	External microphone input

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60

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:	3
ONVIF:	2.4
RS-485 interface:	—
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">FREEIP</a></li> <li>• iOS (iPhone): Free application <a href="#">FREEIP</a></li> </ul>
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
Main features:	<ul style="list-style-type: none"> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• WDR - Wide Dynamic Range</li> <li>• 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</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• ICR - Movable InfraRed filter</li> <li>• Motion Detection</li> <li>• Privacy zones</li> <li>• Configurable: brightness, contrast, saturation</li> <li>• Mirror - Mirror image</li> <li>• RESET button - on the cable</li> <li>• Sharpness - sharper image outlines</li> </ul>
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 540 mA</li> </ul>
Power consumption:	≤ 6.5 W
Housing:	Dome - Metal
Vandal-proof:	✓
Color:	Graphite
"Index of Protection":	IP66
Operation temp:	-20 °C ... 55 °C
Weight:	0.59 kg
Dimensions:	Ø 120 x 95 mm
Supported languages:	English, Bulgarian, Chinese, Czech, French, Spanish, Dutch, Japanese, Korean, German, Polish, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	APTI
Guarantee:	2 years

## PRESENTATION

Camera is out from clamping ring:



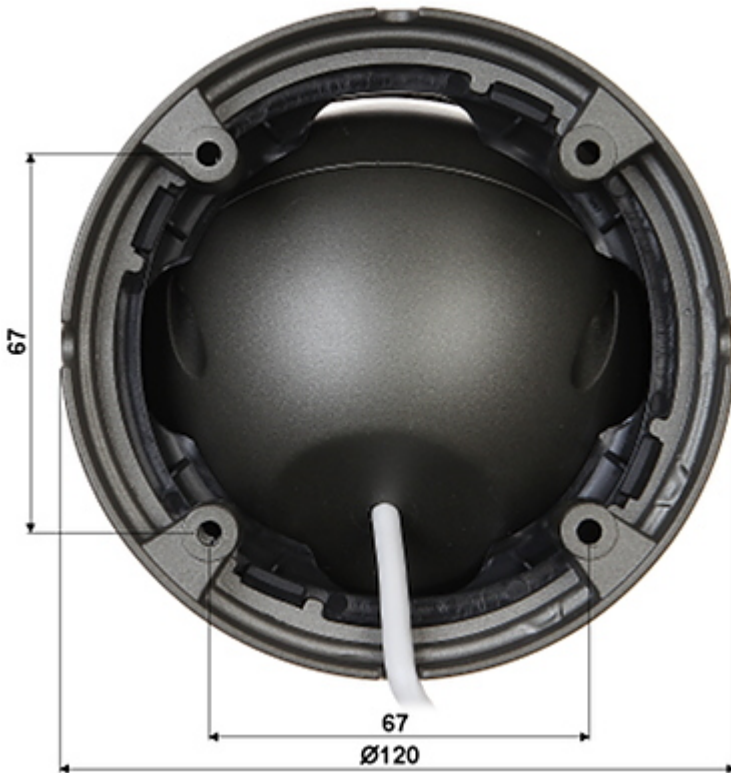
DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60



PoE:



Camera mounting dimensions:



RESET button:



In the kit:



Configuration and operation of the FreeIP cloud:  
:

## OUR TESTS

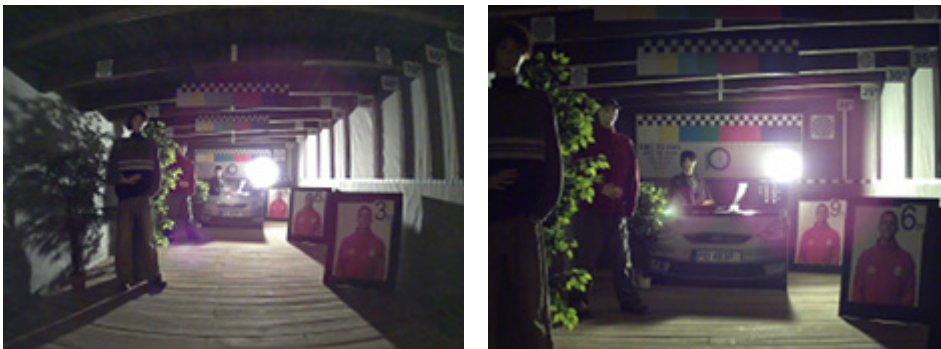
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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