

Code: APTI-H21YF-36

# AHD, HD-CVI, HD-TVI, PAL HIDDEN CAMERA **APTI-H21YF-36** SMOKE DETECTOR - 1080p 3.6 mm

Net: **227.64 PLN** Gross: **227.64 PLN**

Megapixel camera with 1/2.7" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL.

The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in 1080p resolution. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. During transmission there are no delays and is maintained the original, high quality image.

Setting the camera in PAL mode allows to obtain an image in 960H resolution. The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD recorder.



## SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                | AHD, HD-CVI, HD-TVI, PAL                                                                                                                                                                                                                                                                                                   |
| Sensor:                  | 1/2.7 " Pixart CMOS                                                                                                                                                                                                                                                                                                        |
| Digital Image Processor: | HTC1080                                                                                                                                                                                                                                                                                                                    |
| Matrix size:             | 2.1 Mpx                                                                                                                                                                                                                                                                                                                    |
| Resolution:              | 1920 x 1080 - 1080p, AHD-H, HD-CVI, HD-TVI ,<br>960 x 576 - 960H PAL                                                                                                                                                                                                                                                       |
| Lens:                    | 3.6 mm, 2 Mpx                                                                                                                                                                                                                                                                                                              |
| View angle:              | <ul style="list-style-type: none"><li>• 73 ° (manufacturer data)</li><li>• 89 ° (our tests result)</li></ul>                                                                                                                                                                                                               |
| S/N ratio:               | > 50 dB                                                                                                                                                                                                                                                                                                                    |
| Video output:            | 1 Vpp 75 Ω, AHD, HD-CVI, HD-TVI, PAL - selectable by switch                                                                                                                                                                                                                                                                |
| Main features:           | <ul style="list-style-type: none"><li>• WDR - Wide Dynamic Range</li><li>• DNR - Digital Noise Reduction</li><li>• AGC - Automatic Gain Control</li><li>• Auto White Balance</li><li>• Sharpness - sharper image outlines</li><li>• Color camera hidden inside smoke detector housing (no smoke detector inside)</li></ul> |
| OSD menu:                | ✓                                                                                                                                                                                                                                                                                                                          |
| Application:             | The camera is designed for indoor use, due to the possibility of steam condensation.                                                                                                                                                                                                                                       |
| "Index of Protection":   | IP40                                                                                                                                                                                                                                                                                                                       |
| Power supply:            | 12 V DC / 90 mA                                                                                                                                                                                                                                                                                                            |
| Housing:                 | Spy, Plastic                                                                                                                                                                                                                                                                                                               |
| Color:                   | White                                                                                                                                                                                                                                                                                                                      |
| Operation temp:          | -10 °C ... 50 °C                                                                                                                                                                                                                                                                                                           |
| Weight:                  | 0.12 kg                                                                                                                                                                                                                                                                                                                    |
| Dimensions:              | Ø 120 x 56 mm                                                                                                                                                                                                                                                                                                              |
| Manufacturer / Brand:    | APTI                                                                                                                                                                                                                                                                                                                       |
| Guarantee:               | 2 years                                                                                                                                                                                                                                                                                                                    |

## PRESENTATION

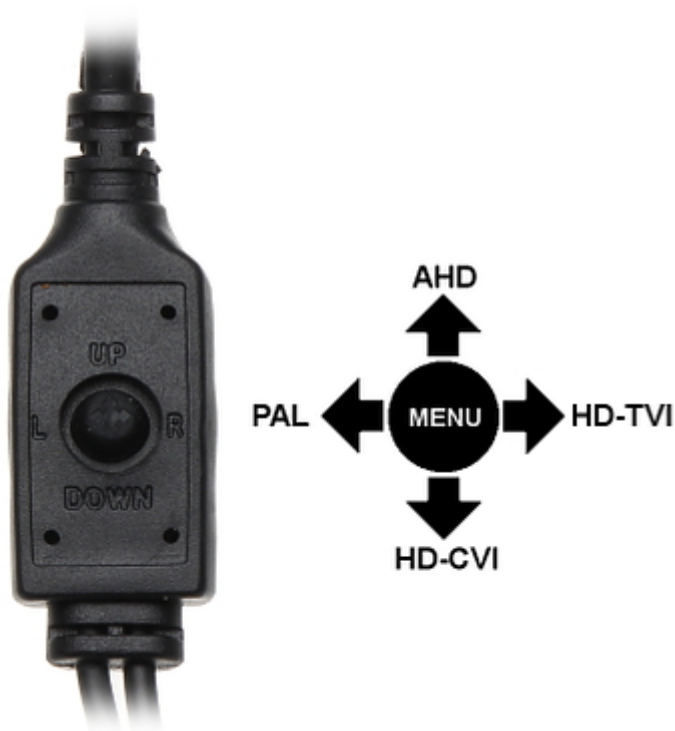


DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60

Mounting side view:



The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD recorder:



In the kit:



## OUR TESTS

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

AHD:

Camera image at artificial illumination (about 30Lux):



Camera image at direct strong light opposite to camera:



Camera image at night conditions with external IR illuminator on:



Camera image at night conditions, at different illumination values show below:

1 LUX:



0.1 LUX:



0.01 LUX:



HD-CVI:

Camera image at artificial illumination (about 30Lux):



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Camera image at night conditions with external IR illuminator on:



Camera image at night conditions, at different illumination values show below:

1 LUX:



0.1 LUX:



0.01 LUX:



## PACKAGE

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