

Code: DS-2AE4225T-A

# AHD, HD-CVI, HD-TVI, PAL SPEED DOME CAMERA OUTDOOR DS-2AE4225T-A - 1080p 4.8 ... 120 mm HIKVISION

Net: **549.98 USD** Gross: **676.48 USD**

Megapixel camera with 1/2.8" 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. The change of the AHD / HD-CVI / HD-TVI / CVBS standard is done by changing the settings of the configuration switches.

**Attention!** The camera hasn't got an IR illuminator.



## SPECIFICATION

|   |   |
|---|---|
| Standard:                               | AHD, HD-CVI, HD-TVI, PAL  |
| Sensor:                                 | 1/2.8 " Progressive Scan CMOS   |
| Matrix size:                            | 2.1 Mpx   |
| Resolution:                             | 1920 x 1080 - 1080p<br>960 x 576 - PAL                                      |
| Min. illumination:                      | 0.005 Lux (color) / F1.6 ,<br>0.001 Lux (B/W) / F1.6                        |
| Lens:                                   | 4.8 ... 120 mm  |
| View angle:                             | • 58 ° ... 2.5 ° (manufacturer data)<br>• 53 ° ... 3.3 ° (our tests result) |
| Optical zoom:                           | x 25  |
| Digital zoom:                           | x 16  |
| Rotation speed depending on ZOOM level: | ✓   |
| Horizontal rotation range:              | 360 ° continuous  |
| Vertical rotation range:                | 5 ° ... 90 °  |
| Rotation speed (manual control):        | 0.1 °/s ... 100 °/s (horizontal) ,<br>0.1 °/s ... 80 °/s (vertical)         |
| Preset rotation speed:                  | 100 °/s (horizontal)<br>80 °/s (vertical)                                   |

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

|                         |  |
|-------------------------|--|
| PTZ control:            | <ul style="list-style-type: none"> <li>• The ability to control via coaxial cable from recorder HIKVISION</li> <li>• Via interface RS-485</li> </ul>   |
| Protocols:              | Pelco-D, Pelco-P   |
| S/N ratio:              | > 50 dB  |
| Video output:           | 1 Vpp / 75 Ω, HD-TVI   |
| Alarm inputs / outputs: | 2 / 1  |
| Number of presets:      | 256  |
| Route settings:         | 5  |
| Horizontal scan:        | ✓  |
| Park action:            | Call the set function (tour, scan, etc.) after specified dwell time  |
| Main features:          | <ul style="list-style-type: none"> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• EIS - Electronic Image Stabilization</li> <li>• Intelligent 3D Positioning System</li> <li>• Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time</li> <li>• ICR - Movable InfraRed filter</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Privacy zones</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> </ul> |
| OSD menu:               | OSD menu available via recorder  |
| Vandal-proof:           | —  |
| "Index of Protection":  | IP66   |
| Power supply:           | 24 V AC  |
| Power consumption:      | ≤ 20 W   |
| Housing:                | Speed Dome, Metal  |
| Color:                  | White  |
| Operation temp:         | -30 °C ... 65 °C   |
| Weight:                 | 2.04 kg  |
| Dimensions:             | Ø 180 x 239 mm   |
| Supported languages:    | English  |
| Manufacturer / Brand:   | HIKVISION  |
| Guarantee:              | <b>3 years</b>   |

## PRESENTATION

Bottom view:



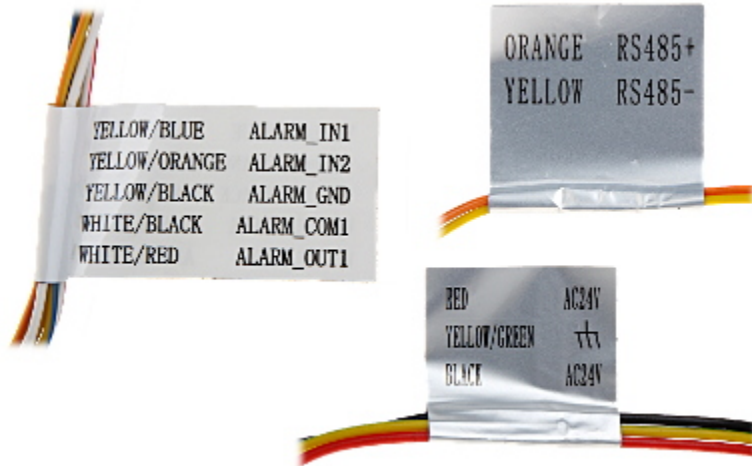
Bottom view (configuration switches visible):



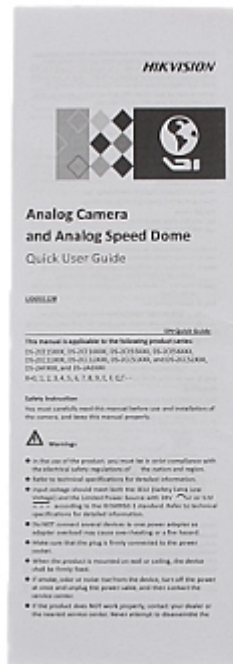
Camera connectors:



Connectors description:



In the kit:



OUR TESTS

Camera image at artificial illumination (about 30Lux):

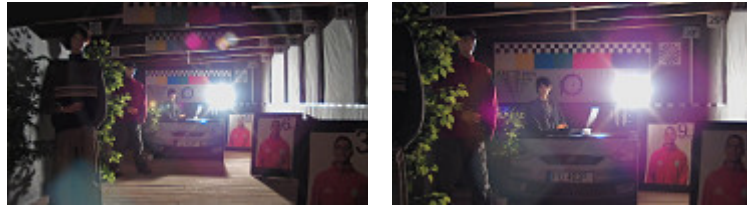


Camera image at night conditions with external IR illuminator on:



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

Camera image at direct strong light opposite to camera:



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

10 LUX:



1 LUX:



0.1 LUX:



0.01 LUX:



0.001 LUX:

