

Code: DS-2AE4225TI-D(C)

## AHD, HD-CVI, HD-TVI, PAL SPEED DOME CAMERA OUTDOOR **DS-2AE4225TI-D(C)** - 1080p Hikvision

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.



|                                         |                                                                             |
|-----------------------------------------|-----------------------------------------------------------------------------|
| 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                                      |
| Range of IR illumination:               | 100 m                                                                       |
| IR illuminator power adjustment:        | Automatic                                                                   |
| Lens:                                   | 4.8 ... 120 mm                                                              |
| View angle:                             | • 58 ° ... 2.5 ° (manufacturer data)<br>• 54 ° ... 2.9 ° (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:         | -15 ° ... 90 °                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Rotation speed (manual control): | 0.1 °/s ... 80 °/s (horizontal) ,<br>0.1 °/s ... 80 °/s (vertical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preset rotation speed:           | 80 °/s (horizontal)<br>80 °/s (vertical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 - AHD / HD-CVI / HD-TVI / CVBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Number of presets:               | 256                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Route settings:                  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Horizontal scan:                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Park action:                     | Call the set function (tour, scan, etc.) after specified dwell time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OSD menu:                        | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main features:                   | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• EIS - Electronic Image Stabilization</li> <li>• IR illuminator optimization</li> <li>• Intelligent 3D Positioning System</li> <li>• ICR - Movable InfraRed filter</li> <li>• Configurable Privacy Zones - 8</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• Auto White Balance</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> </ul> |
| Power supply:                    | 12 V DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power consumption:               | ≤ 20 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Housing:                         | Speed Dome, Metal / Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Color:                           | White / Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Index of Protection":           | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vandal-proof:                    | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Operation temp:                  | -30 °C ... 65 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Weight:                          | 2.2 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dimensions:                      | Ø 165 x 295 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Supported languages:             | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SAP Code:                        | 301205020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Manufacturer / Brand:            | Hikvision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Guarantee:                       | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |