

Code: HAC-ME2241C-0360B

## AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-ME2241C-0360B** PIR DETECTOR - 1080p 3.6 mm DAHUA

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 max. 8 Mpx (4K UHD) resolution. 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.

Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

Standard changes are made using configuration switches.

Combining the camera's motion detection function with the PIR detector allows for very high resistance to false alarms. The alarm output allows using the PIR detector as an element of any alarm system. In addition, the camera has a built-in white light source and a siren that can be activated when an alarm is triggered by a motion sensor.



|                           |                                                                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | AHD, HD-CVI, HD-TVI, CVBS                                                                                                                 |
| Sensor:                   | 1/2.8 " CMOS                                                                                                                              |
| 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                                                                                                                                    |
| View angle:               | <ul style="list-style-type: none"> <li>• 87 ° (manufacturer data)</li> <li>• 83 ° (our tests result)</li> </ul>                           |
| S/N ratio:                | > 65 dB                                                                                                                                   |
| Range of IR illumination: | 20 m                                                                                                                                      |
| Video output:             | 1 Vpp 75 Ω, AHD, HD-CVI, HD-TVI, CVBS                                                                                                     |
| Alarm inputs / outputs:   | 0 / 1                                                                                                                                     |
| Audio:                    | <ul style="list-style-type: none"> <li>• Microphone built-in - HD-CVI only,</li> <li>• External microphone input - HD-CVI only</li> </ul> |



# DATA SHEET

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PIR DETECTOR:                      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sensor type:                       | Passive Infra Red (PIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Detection angle / Detection range: | 110 ° / 15 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Recommended installation height:   | 2.2 ... 2.5 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Pet immunity:                      | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sensitivity adjustment:            | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:                     | <ul style="list-style-type: none"><li>• Combining the camera's motion detection function with the PIR detector allows for very high resistance to false alarms</li><li>• Alarm signaling - LED indicator, Color: white + Alarm siren</li><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Mirror - Mirror image</li><li>• Privacy zones - max. 4</li><li>• Motion Detection</li><li>• Sharpness - sharper image outlines</li><li>• Auto White Balance</li></ul> |
| OSD menu:                          | OSD menu available via DAHUA recorder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Application:                       | The device is designed to work both inside and outside the building                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power supply:                      | 12 V DC / 460 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Power consumption:                 | ≤ 5.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Housing:                           | Compact, Plastic + Bracket, Aluminum - powder painted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Color:                             | Graphite + Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| "Index of Protection":             | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Operation temp:                    | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Weight:                            | 0.41 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dimensions:                        | 145 x 78 x 146 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Supported languages:               | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer / Brand:              | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Guarantee:                         | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |