

Code: HAC-ME2241C-0280B

# AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-ME2241C-0280B** PIR DETECTOR - 1080p 2.8 mm DAHUA Net: **149.21 USD** Gross: **183.53 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 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.

The "Starlight" series cameras provide a clear color image even at very poor lighting.

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.



## SPECIFICATION

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 , 960 x 576 - 960H PAL
Lens:	2.8 mm
View angle:	<ul style="list-style-type: none"><li>• 110 ° (manufacturer data)</li><li>• 102 ° (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>
PIR DETECTOR:	✓
Sensor type:	Passive Infra Red (PIR)
Detection angle / Detection range:	110 ° / 15 m
Recommended installation height:	2.2 ... 2.5 m

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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>

## PRESENTATION

Front view:



Side view:



Mounting side view:



Mounting dimensions:



Configuration switches:



Camera connectors:



In the kit:



## OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):

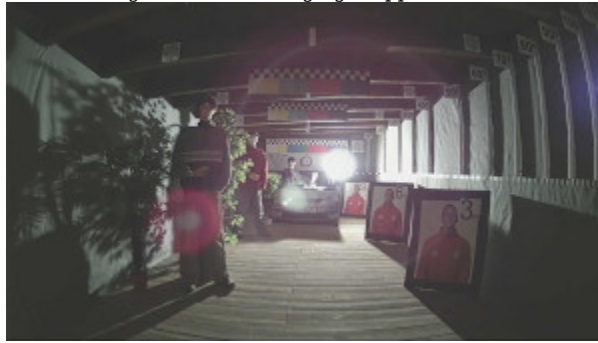


Camera image at night conditions with internal built-in IR illuminator on:





Camera image at direct strong light opposite to camera:



HD-CVI:

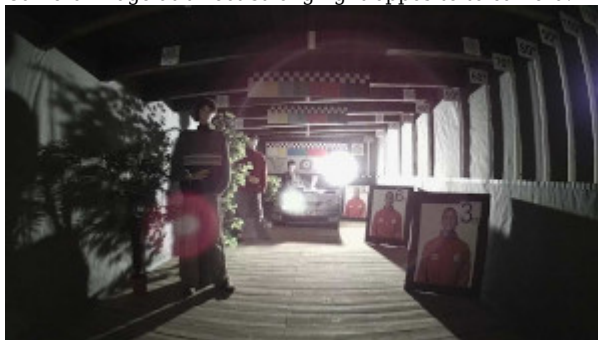
Camera image at artificial illumination (about 30Lux):



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



Camera image at direct strong light opposite to camera:



HD-TVI:

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:



## OUR OPINIONS



- The "Starlight" series cameras provide a clear color image even at very poor lighting.