

Code: DH-HAC-HDW2231RP-Z-D

# AHD, HD-CVI, HD-TVI, PAL VANDALPROOF CAMERA **DH-HAC-HDW2231RP-Z-D** P - 1080p 2.7 ... 13.5 mm - MOTOZOOM DAHUA

Net: **161.50 EUR** Gross: **161.50 EUR**



Megapixel camera with 1/2.8" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

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 used motozoom lens with 2.7 ... 13.5 mm focal length allows to remote view angle adjustment.

Attention! The camera default setting is HD-CVI standard. To change the camera standard you need use the PFM820 controller, available separately. Setting the camera in PAL mode allows to obtain an image in 960H resolution.

## 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 , 1280 x 720 - 720p 960 x 576 - 960H, PAL
IR illuminator support:	ICR - Movable InfraRed filter
Video output:	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL - To change the standard, in which the camera is operating, the PFM820 controller is required
Lens:	2.7 ... 13.5 mm - Motozoom
View angle:	<ul style="list-style-type: none"><li>• 102 ° ... 29 ° (manufacturer data)</li><li>• 99 ° ... 28 ° (our tests result)</li></ul>
S/N ratio:	> 65 dB
Range of IR illumination:	60 m
IR illuminator power adjustment:	Automatic
OSD menu:	OSD menu available via DAHUA recorder

Main features:	<ul style="list-style-type: none"> <li>• Motozoom lens</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li> <li>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ICR - Movable InfraRed filter</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Mirror - Mirror image</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 8</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> </ul>
Power supply:	<ul style="list-style-type: none"> <li>• 12 V DC / 870 mA,</li> <li>• 24 V AC</li> </ul>
Power consumption:	≤ 10.5 W
Housing:	Dome, Aluminum
Color:	White
Vandal-proof:	✓
"Index of Protection":	IP67
Operation temp:	-40 °C ... 60 °C
Weight:	0.6 kg
Dimensions:	Ø 122 x 105 mm
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

## PRESENTATION

Camera is out from clamping ring:

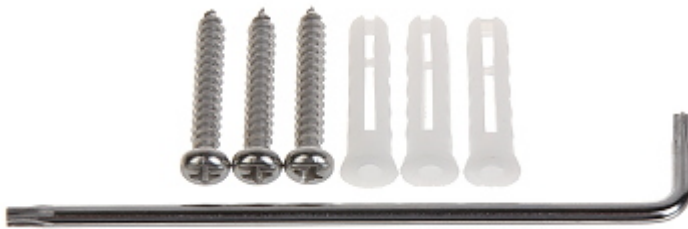


Mounting side view:





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:



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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



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

## PACKAGE

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