

Code: HAC-HDBW2241F-A-0280B

AHD, HD-CVI, HD-TVI, PAL VANDALPROOF CAMERA **HAC-HDBW2241F-A-0280B** - 1080p 2.8 mm DAHUA

Net: **121.74 EUR** Gross: **121.74 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 max. 8 Mpx (4K UHD) 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 camera has a very flat profile, it's only 51 mm out from the ceiling.

In the case of video transmission using a twisted pair cable and matching transformers (balun), be aware of the possibility of signal reflections and interfering signals.

Camera is according to IP67 Index of Protection norm. Attention! The camera is set by default in the HD-CVI standard. Standard changes are made using configuration switches.



SPECIFICATION

Standard:	AHD, HD-CVI, HD-TVI, PAL
Sensor:	1/2.8 " CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p , 1280 x 720 - 720p , 960 x 576 - 960H, PAL
Range of IR illumination:	20 m
IR illuminator power adjustment:	Automatic
Lens:	2.8 mm
View angle:	• 110 ° (manufacturer data) • 102 ° (our tests result)
S/N ratio:	> 65 dB
Video output:	AHD / HD-CVI / HD-TVI / PAL, 1 Vpp / 75 Ω
Audio:	• Microphone built-in - HD-CVI only, • External microphone input - HD-CVI only
Main features:	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR / 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Sharpness - sharper image outlines
OSD menu:	OSD menu available via DAHUA recorder
Power supply:	12 V DC / 300 mA
Power consumption:	≤ 3.6 W
Housing:	Dome, Metal

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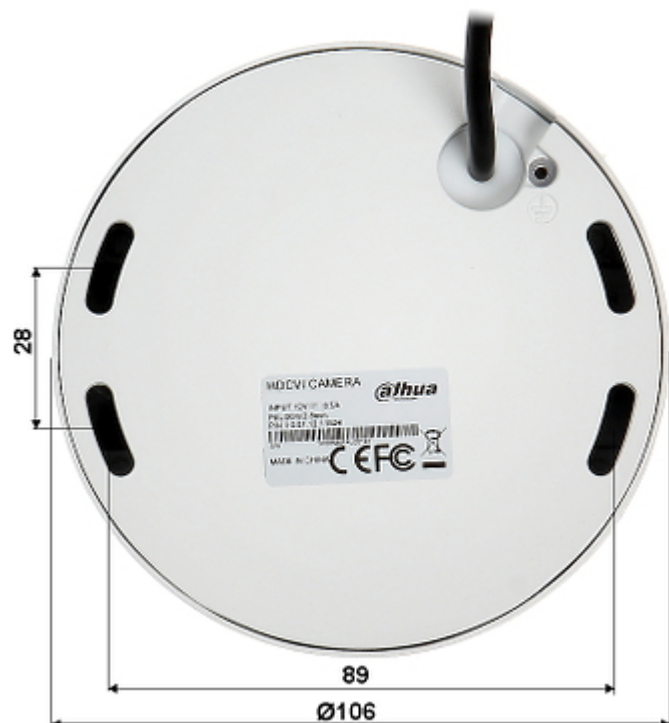
Color:	White
Vandal-proof:	IK10
"Index of Protection":	IP67
Operation temp:	-40 °C ... 60 °C
Weight:	0.35 kg
Dimensions:	Ø 106 x 51 mm
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

PRESENTATION

View after remove the cover:



Mounting side view:



Camera connectors:



Standard changes are made using configuration switches:



In the kit:



OUR TESTS

AHD:

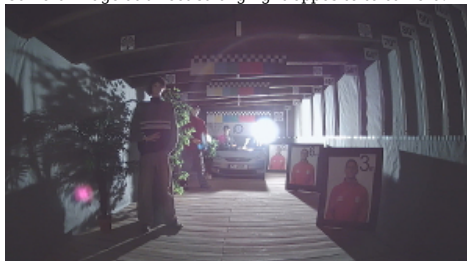
Camera image at artificial illumination (about 30Lux):



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



- 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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