

Code: SD52C430U-HNI

# IP SPEED DOME CAMERA OUTDOOR **SD52C430U-HNI** - 4.0 Mpx, 4.5 ... 135 mm DAHUA

Net: **1 245.04 EUR** Gross: **1 531.40 EUR**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2592 x 1520 (4.0 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.

For a few models of IP cameras working at 4Mpx resolution we recommend to use of network with 1Gb/s bandwidth.



## SPECIFICATION

Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	4.0 Mpx
Resolution:	2592 x 1520 - 4.0 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p 1920 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	4.5 ... 135 mm
View angle:	60 ° ... 2.2 ° (manufacturer data) 57 ° ... 2.9 ° (our tests result)
Optical zoom:	x 30
Digital zoom:	x 16
Min. illumination:	• 0.05 Lux @ F1.6 (color), • 0.005 Lux @ F1.6 (B/W)
S/N ratio:	> 55 dB
Video output:	<input checked="" type="checkbox"/>
Preset rotation speed:	max. 500 °/s

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Rotation speed (manual control):	0.1 °/s ... 350 °/s (horizontal) 0.1 °/s ... 250 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 90 °
RS-485 interface:	<input checked="" type="checkbox"/>
Number of presets:	300
Horizontal scan:	<input checked="" type="checkbox"/>
Route settings:	8
Image compression method:	H.265 / H.264 / MJPEG
Bitrate:	448 ... 8192 kbps - H.265 / H.264
Alarm inputs / outputs:	2 / 1
Audio:	<ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Audio detection</li> </ul>
Main stream frame rate:	1 ... 25 fps - 4.0 Mpx 1 ... 50 fps - 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, IPv4/IPv6, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.42
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main features:	<ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• EIS - Electronic Image Stabilization</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• 2D-DNR, 3D-DNR - Digital Noise Reduction</li> <li>• Configurable Privacy Zones - 24</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Intelligent Object Tracking</li> <li>• Intelligent Object Tracking</li> <li>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection</li> </ul>
Mobile phones support:	Port 37777 <ul style="list-style-type: none"> <li>• Android: Darmowa aplikacja <a href="#">gDMSS Plus</a></li> <li>• iOS (iPhone): Darmowa aplikacja <a href="#">iDMSS Plus</a></li> </ul>
Default IP address:	192.168.1.108
Default admin user / password:	admin / admin
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
Port ONVIF:	80
RTSP URL:	rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream



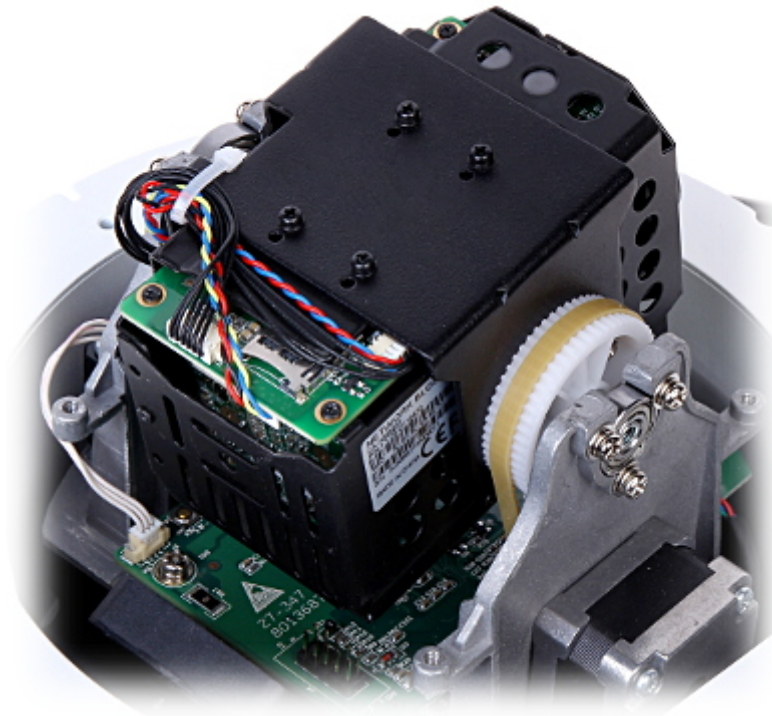
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3at),</li> <li>• 24 V AC / 1.5 A (power adapter included)</li> </ul>
Power consumption:	≤ 13 W
Housing:	Speed Dome Metal
Color:	White
Vandal-proof:	IK10
Operation temp:	-30 °C ... 60 °C
Weight:	2.35 kg
Dimensions:	Ø 198 x 177 mm
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

## PRESENTATION

Camera view after remove the Dome cover:



Memory card slot:



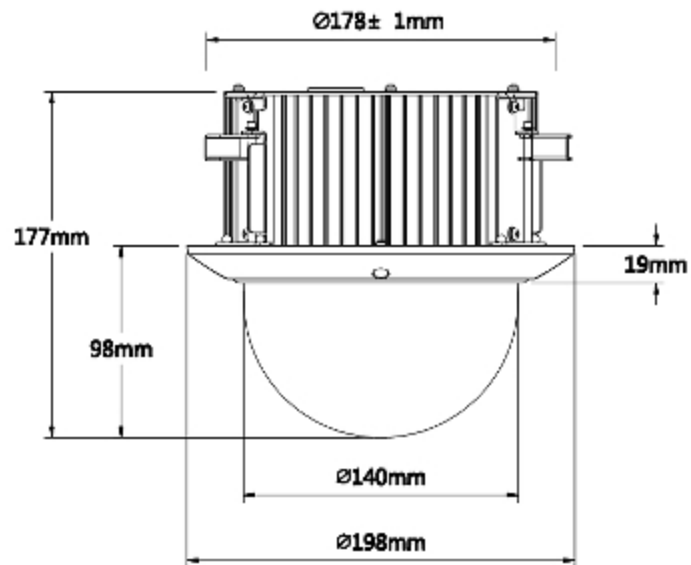
Camera connectors:



Connectors description:



Camera dimensions:



See how to initialize DAHUA cameras:

:

In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):

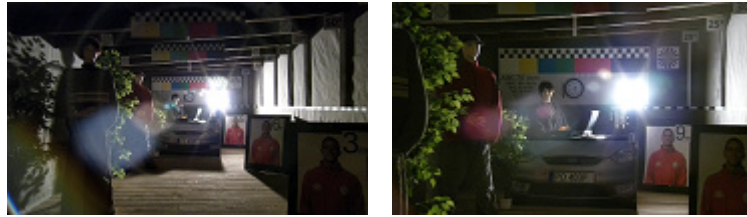


Camera image at night conditions with external IR illuminator on:



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Camera image at direct strong light opposite to camera:



Camera image at night conditions, at different illumination values show below:

10 LUX:



1 LUX:



0.1 LUX:



0.01 LUX:



0.001 LUX:

