

Code: DH-SD65F230F-HNI

# IP SPEED DOME CAMERA OUTDOOR **DH-SD65F230F-HNI** - 1080p 6 ... 180 mm DAHUA

Net: **5 544.00 PLN** Gross: **5 544.00 PLN**



IP camera equipped with very good high resolution sensor. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras.

For a few models of IP cameras working at  $\geq 1920 \times 1080$  resolution we recommend to use of network with 1Gb/s bandwidth.

## SPECIFICATION

Standard:	TCP/IP
Sensor:	1/1.9 " Progressive Scan Exmor CMOS
Matrix size:	2.0 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	6 ... 180 mm
View angle:	61 ° ... 2.1 ° (manufacturer data) 59 ° ... 3.2 ° (our tests result)
Optical zoom:	x 30
Digital zoom:	x 16
IR illuminator:	—
Min. illumination:	0.002 Lux F1.2 (color) , 0.0002 Lux F1.2 (B/W)
S/N ratio:	> 50 dB (AGC off)
Video output:	1 Vpp / 75 Ω
Preset rotation speed:	max. 600 °/s (horizontal) max. 500 °/s (vertical)

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Rotation speed (manual control):	0.1 °/s ... 300 °/s (horizontal) 0.1 °/s ... 150 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	-20 ° ... 90 °
RS-485 interface:	✓
Protocols:	Pelco-D, Pelco-P, DH-SD Auto detection
Number of presets:	300
Horizontal scan:	✓
Route settings:	8
Image compression method:	H.264 / MJPEG / MPEG-4
Bitrate:	56 ... 8192 kbps - H.264 56 ... 20480 kbps - MJPEG
Alarm inputs / outputs:	7 / 2
Audio:	<ul style="list-style-type: none"> <li>• 1 Audio input</li> <li>• 1 Audio output</li> </ul>
Main stream frame rate:	1 ... 25 fps - 1080p 1 ... 50 fps - 720p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.41
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">DMSS</a></li> <li>• iOS (iPhone): Free application <a href="#">DMSS</a></li> </ul>
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main features:	<ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• WDR - Wide Dynamic Range</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• 2D-DNR &amp; 3D-DNR - Digital Noise Reduction</li> <li>• Configurable Privacy Zones - 24</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• IVS analysis - objects tracking</li> <li>• Auto Flip - auto-rotates the camera during "tilt" type moving</li> </ul>
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3at)</li> <li>• 24 V AC / 3 A (power adapter included)</li> </ul>
Housing:	Speed Dome Metal
Color:	White
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP67
Weight:	5.13 kg (with bracket)
Dimensions:	242 x 350 mm x 410 mm (with bracket)
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA



Guarantee:

3 years

## PRESENTATION

Bottom view:



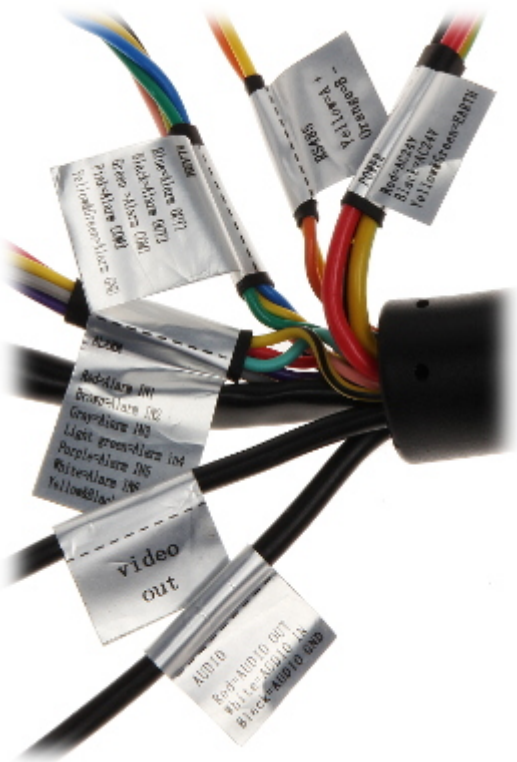
Memory card slot:



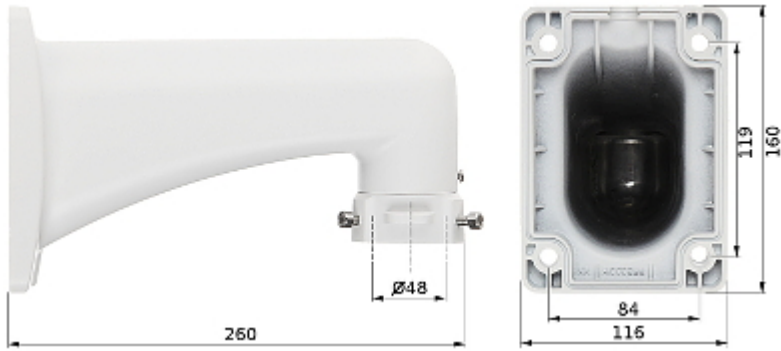
Camera connectors:



Connectors description:



Bracket dimensions:

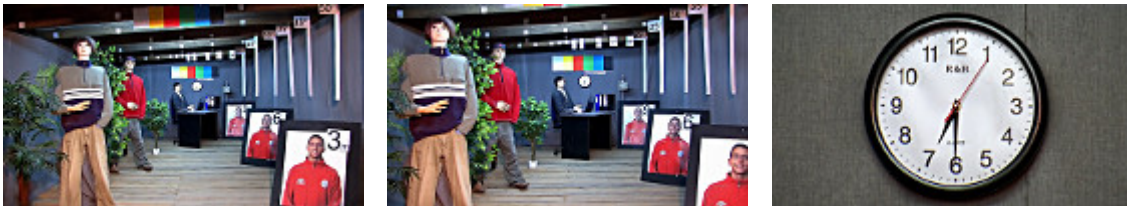


In the kit:



## OUR TESTS

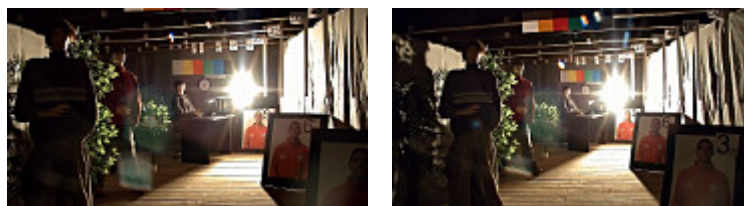
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with external IR illuminator on:



Camera image at direct strong light opposite to camera:



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

1 LUX:



0.1 LUX:



0.01 LUX:



0.001 LUX:



## PACKAGE

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