

Code: DH-SD50220T-HN

IP SPEED DOME CAMERA OUTDOOR **DH-SD50220T-HN** - 1080p 4.7 ... 94.0 mm DAHUA

Net: **383.23 EUR** Gross: **383.23 EUR**

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. 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 $\geq 1920 \times 1080$ resolution we recommend to use of network with 1Gb/s bandwidth.



SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan Exmor CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 720 - 720p 704 x 576 - D1
Scanning system:	Progressive
Lens:	4.7 ... 94.0 mm
View angle:	56 ° ... 3.1 ° (manufacturer data) 55 ° ... 3.9 ° (our tests result)
Optical zoom:	x 20
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:	—
Preset rotation speed:	max. 500 °/s
Rotation speed (manual control):	0.1 °/s ... 350 °/s (horizontal) 0.1 °/s ... 250 °/s (vertical)

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Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 90 °
RS-485 interface:	—
Number of presets:	300
Horizontal scan:	✓
Route settings:	8
Image compression method:	H.264 / MJPEG
Bitrate:	448 ... 8192 kbps - H.264
Alarm inputs / outputs:	2 / 1
Audio:	<ul style="list-style-type: none"> • External microphone input • Audio output
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:	2.42
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main features:	<ul style="list-style-type: none"> • ICR - Movable InfraRed filter • D-WDR - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • Configurable Privacy Zones - 24 • BLC/HLC - Back Light / High Light Compensation • Sharpness - sharper image outlines • Mirror - Mirror image • Day/Night mode (color/b&w/auto) • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection
Mobile phones support:	Port 37777 <ul style="list-style-type: none"> • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Default admin user / password:	admin / admin
Default IP address:	192.168.1.108
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"> • PoE (802.3at), • 24 V AC / 1.5 A (power adapter included)
Housing:	Speed Dome Metal
Color:	White
"Index of Protection":	IP67
Vandal-proof:	✓, IK10

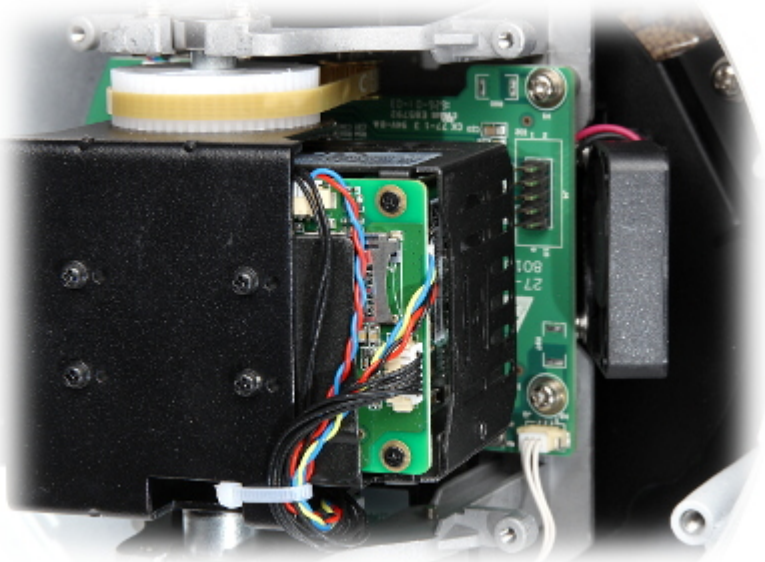
Operation temp:	-40 °C ... 60 °C
Weight:	3.1 kg (with bracket)
Dimensions:	Ø 186 x 415 mm (with bracket)
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

PRESENTATION

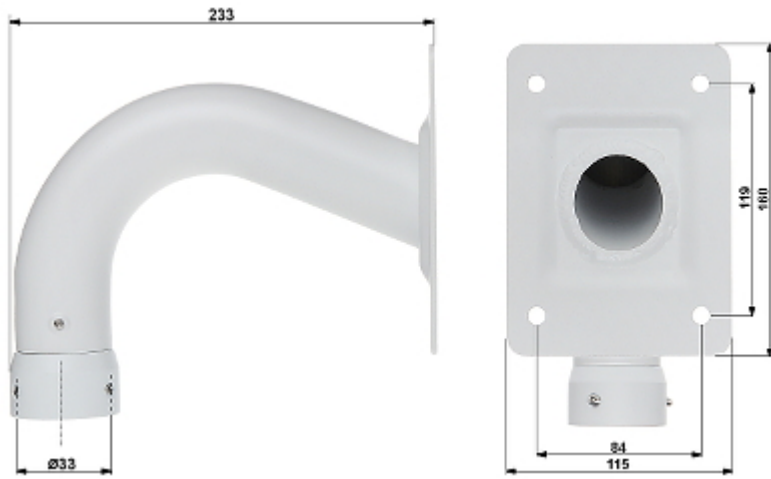
Bottom view:



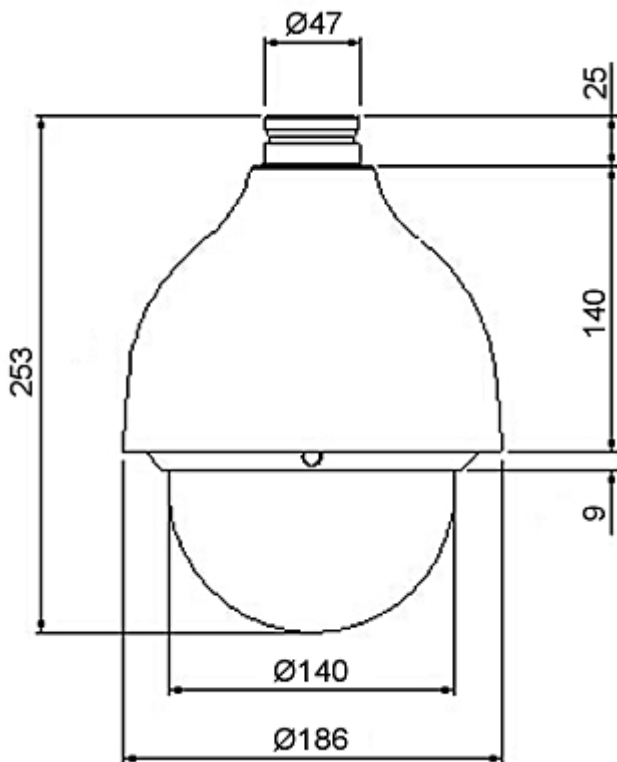
Memory card slot:



Bracket dimensions:



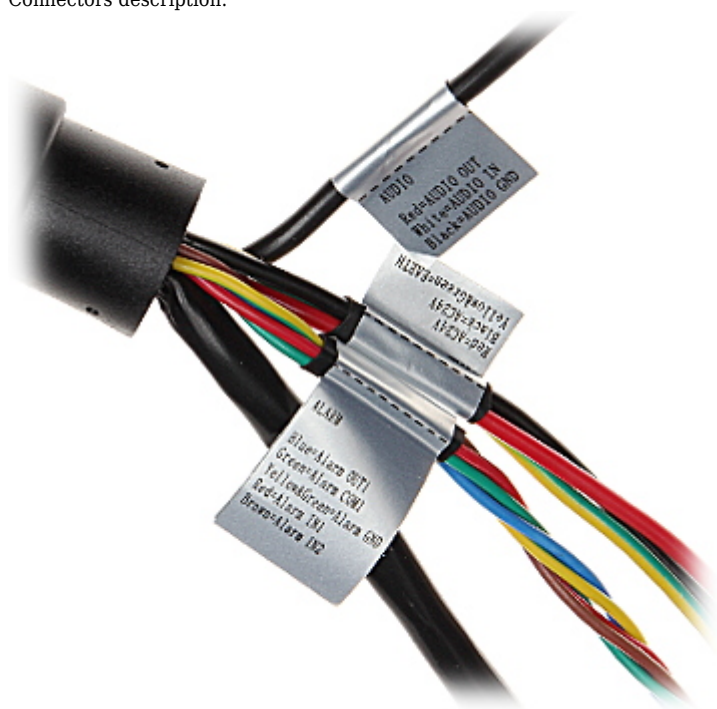
Camera dimensions:



Connectors:



Connectors description:



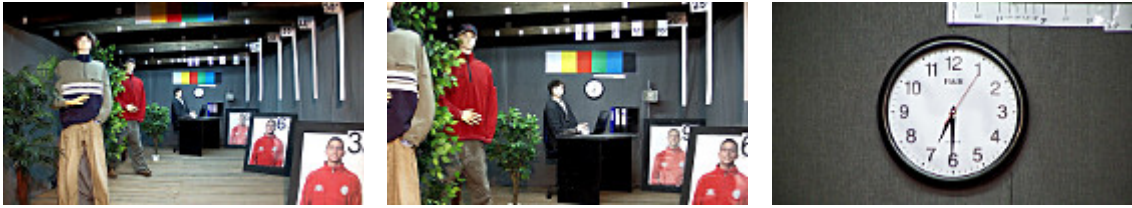
In the kit:



OUR TESTS

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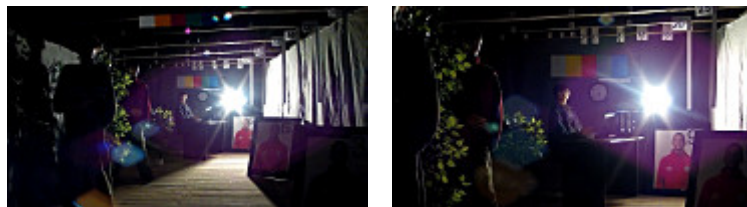
Camera image at artificial illumination (about 30Lux):



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:



Record from camera during daylight operation:

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PACKAGE

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