Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;

2. Improper results of operation of the product or products related with it;

3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 8.3 MPx, 4K UHD. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. This is a camera from the Darkfighter series, designed for work in difficult lighting conditions.

The used motozoom lens with 2.8 ... 12 mm focal length allows to remote view angle adjustment.

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

Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	8.3 Mpx 4K UHD
Resolution:	3860 x 2160 - 8.3 Mpx 4K UHD , 3072 x 1728 - 5.3 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	2.8 ... 12 mm - Motozoom
View angle:	112 ° ... 41 ° (manufacturer data)
Range of IR illumination:	50 m
Compression:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Main stream frame rate:	25 fps - 8.3 Mpx
Network interface:	10/100/1000 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour, SSL / TLS
ONVIF:	✔
WEB Server:	Built-in
Max. number of on-line users:	32
Memory card slot:	Micro SD memory cards up to 1TB support (possible local recording)

Alarm inputs / outputs:	2 / 2
Audio:	• External microphone input - JACK mono • Audio output - JACK mono • Bi-directional audio streaming support • Audio detection • Noise reduction
RS-485 interface:	✔
Wiegand interface:	▬
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect
Main features:	• Motozoom lens • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • EIS - Electronic Image Stabilization • F-DNR (Defog) - Reduction of image noise caused by precipitation • AGC - Automatic Gain Control • Day/night mode • Auto White Balance • Privacy zones • Motion Detection • ROI - improve the quality of selected parts of image • EIS - Electronic Image Stabilization • NAS - Network Attached Storage support • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • Power output : 12 V DC / 100 mA • Protections : IP Filter, HTTPS • The device has a built-in heater • Intelligent image analysis : • intrusion • crossing the line (tripwire) • detection of entry into the area / exit from the area • object detection (people, vehicle) • people counting • queue management • face detection - detection of up to 60 faces simultaneously • Face recognition - Support for up to 10 face databases, including 30 000 face images, comparing faces with a database containing max. 150 000 face images • heat map
Power supply:	• PoE (802.3at), • 12 V DC / 1.19 A
Power consumption:	• ≤ 16.8 W @ PoE (802.3at) • ≤ 14.28 W @ 12 V DC
Housing:	Compact, Aluminum alloy Corrosion protection in accordance with the requirements of NEMA 4X
Color:	White + Black
"Index of Protection":	IP67
Vandal-proof:	IK10
Operation temp:	-40 °C ... 60 °C
Weight:	1.95 kg (with bracket)

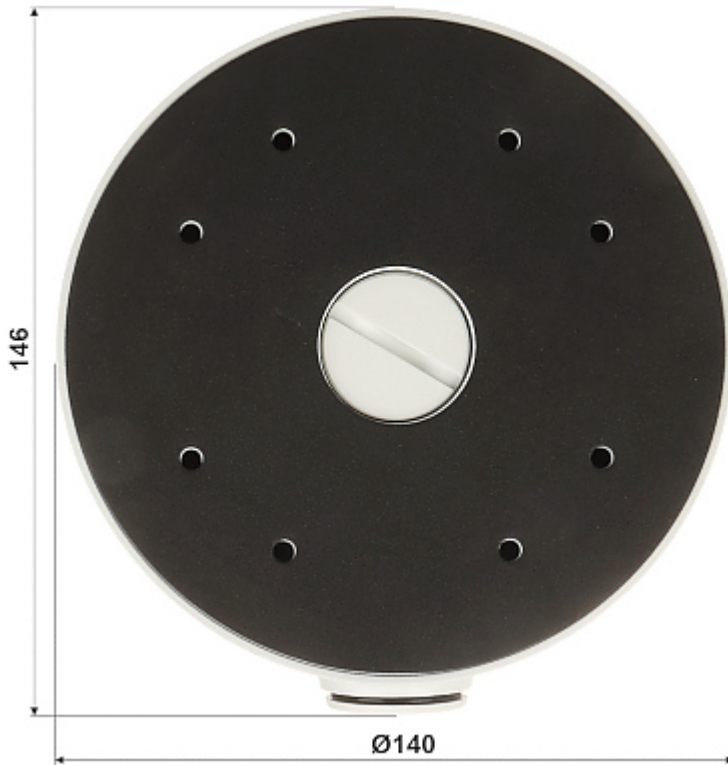| Dimensions:	Ø 140 x 351 mm
Supported languages:	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, Italian
SAP Code:	311316493
Manufacturer / Brand:	Hikvision
Guarantee:	**3 years**

Side view:

Bottom view:

Camera connectors:

Bracket dimensions:

Camera dimensions:
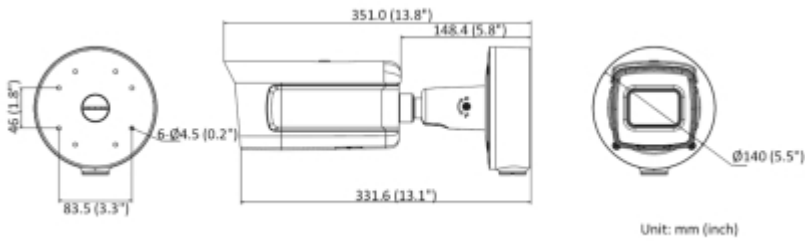
In the kit:
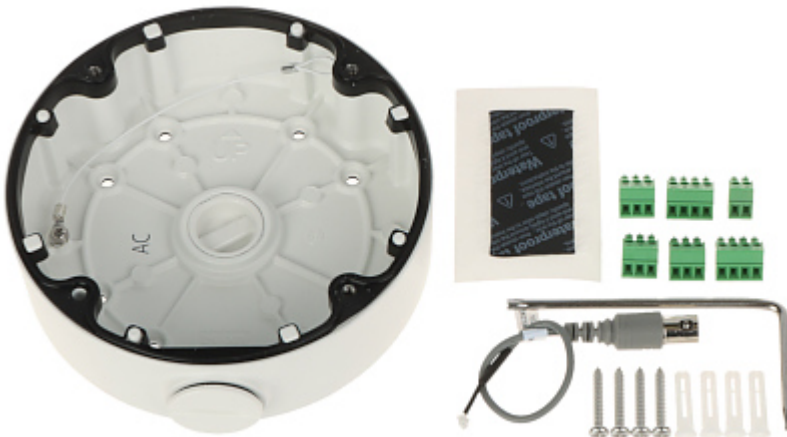
PACKAGE

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