



# User Manual

Code: DS-2CD2787G2H-LIPTRZS2U/SL(2.8-12MM)  
IP VANDALPROOF CAMERA **DS-2CD2787G2H-LIPTRZS2U/SL(2.8-12MM)** Smart Hybrid Light  
ColorVu - 8.3 Mpx 4K UHD MOTOZOOM Hikvision

## 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 equipped with very good high resolution sensor. Due to detailed image and wide view angle this camera is perfect solution for surveillance systems requiring persons or vehicles recognition, for example at places like: buildings entrance, lobbies, lounges, etc.

The device is equipped with Smart Hybrid Light / ColorVu technology, thanks to which the user has a choice of white light mode and IR (infrared) mode. When Smart Hybrid Light / ColorVu is active, the white light will turn on automatically only when an object is detected in the monitored area, which effectively improves the image quality.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance). PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



Standard:

IP



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Resolution:	3840 x 2160 - 8.3 Mpx 4K UHD , 3200 x 1800 - 5.7 Mpx , 2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Sensor:	1/1.8 " Progressive Scan CMOS
Lens:	2.8 - 12 mm, AutoFocus Motozoom
View angle:	112 ° ... 41 °
Range of IR illumination:	40 m
White light LED illuminator range:	40 m
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	1 / 1
Audio:	<ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Audio detection</li><li>• Noise suppression and echo cancellation</li></ul>
Main stream frame rate:	25 fps @ 8.3 Mpx
Interface:	10/100 Base-T (RJ-45)
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	✓
Memory card slot:	Micro SD card support up to 512GB
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: <a href="#">Hik-Connect</a> free application</li><li>• iOS: <a href="#">Hik-Connect</a> free application</li></ul>
Default admin user / password:	admin / - The administrator password should be set at the first start
Default IP address:	192.168.1.64
Web browser access ports:	80
PC client access ports:	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application
Mobile client access ports:	8000
ONVIF port:	80
RTSP URL:	<ul style="list-style-type: none"><li>• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization</li><li>• Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization</li></ul>
Intelligent Image Analysis:	<ul style="list-style-type: none"><li>• intrusion</li><li>• detection of entry into the area / exit from the area</li><li>• scene changing</li><li>• crossing the line (tripwire)</li><li>• face detection</li><li>• classification of people and vehicles</li></ul>



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Main features:	<ul style="list-style-type: none"><li>• Active deterrence function - Active intrusion deterrence works by blinking white light and siren sound</li><li>• Smart Hybrid Light / ColorVu technology - IR or LED illuminator works in night mode. White light will turn on automatically only when an object is detected in the monitored area, which effectively improves image quality</li><li>• It has PTZR (Pan, Tilt, Zoom, Rotate) functions for easy installation and changing the monitoring area</li><li>• WDR - 130 dB - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• ROI - improve the quality of selected parts of image</li><li>• 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</li><li>• NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network</li><li>• SVC (Scalable Video Coding) - technology enabling the transfer of several sub-streams of different quality within one stream</li><li>• BLC - configurable Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• Privacy zones - max. 4</li><li>• Smart motion detection (with recognizing people and vehicles)</li><li>• ICR - Movable InfraRed filter</li><li>• Sharpness - sharper image outlines</li><li>• Image rotation and mirror</li></ul>
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3at),</li><li>• 12 V DC / 1 A (power adapter included)</li></ul>
Power consumption:	<ul style="list-style-type: none"><li>• ≤ 18 W @ PoE</li><li>• ≤ 16 W @ 12 V DC</li></ul>
Housing:	Dome, Metal
Color:	White
"Index of Protection":	IP66
Mechanical protection class:	IK10
Operation temp:	-30 °C ... 60 °C
Weight:	1.38 kg
Dimensions:	Ø 155 x 140 mm
Supported languages:	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, Vietnamese, Italian
Manufacturer / Brand:	Hikvision
SAP Code:	311327028
Guarantee:	<b>3 years</b>



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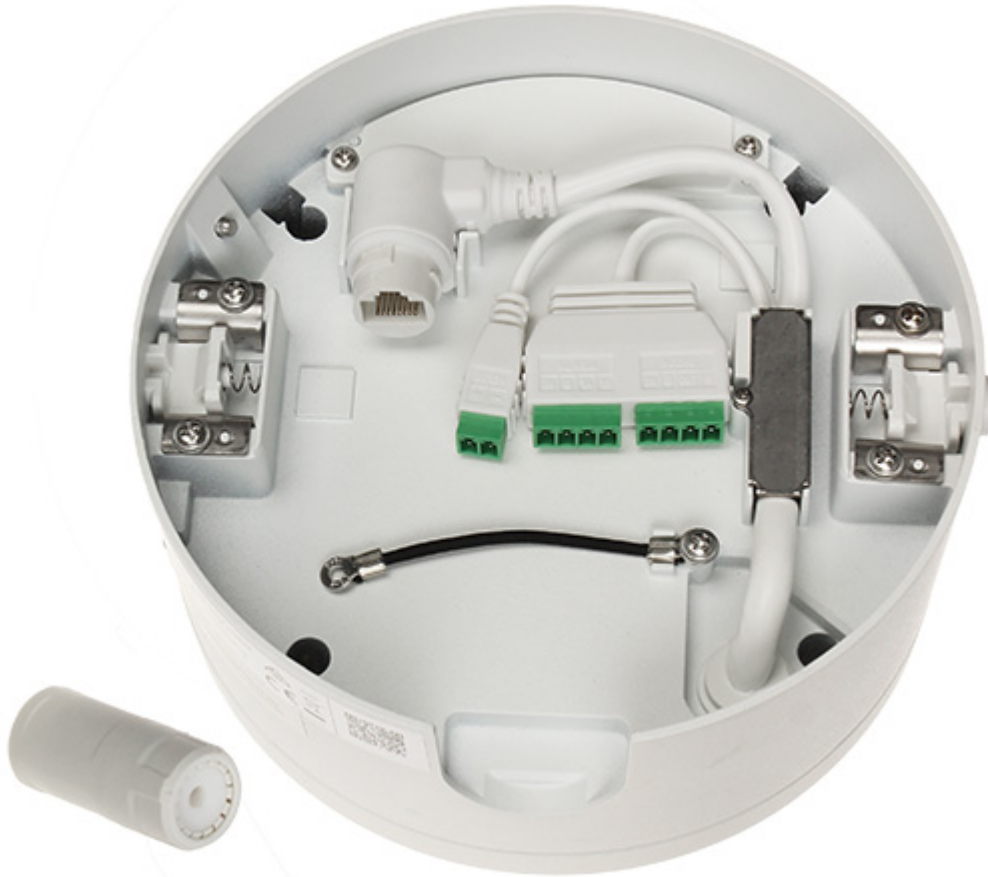
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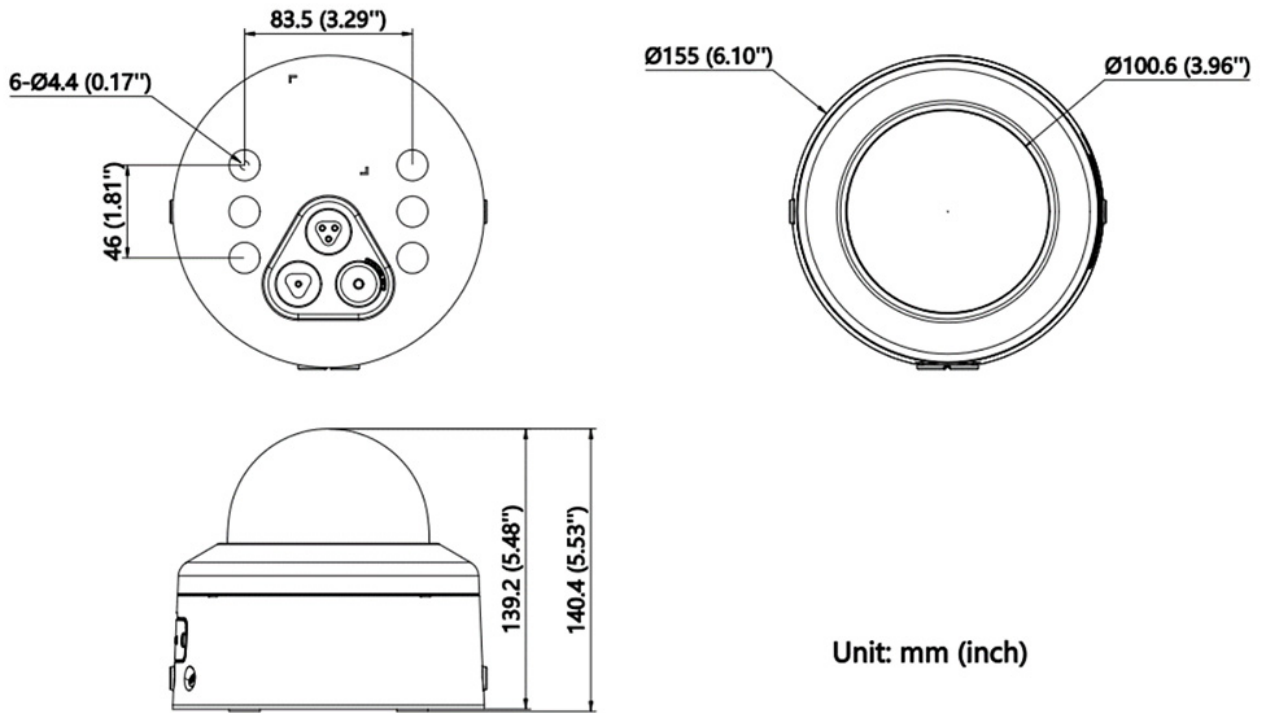






Dimensions





In the kit



## PACKAGE

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