Code: DS-2CD1A43G0-IZU(2.8-12MM)

PTZ OUTDOOR PTZ IP CAMERA **DS-2CD1A43G0-IZU(2.8-12MM)** - 3.7 Mpx 2.8 ... 12 mm Hikvision

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

The ability to rotate the camera and zoom the image allows you to capture only the areas of interest. Built-in IR illuminator allows to operate at night conditions, and vari-focal lens with wide range of view angle adjustment enables optimal set the view field of camera to all conditions. 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. For a few models of IP cameras working at ≥ 1920 x 1080 resolution we recommend to use of network with 1Gb/s bandwidth.

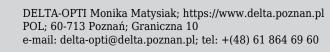|	
Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	4 Mpx
Resolution:	2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	2.8 ... 12 mm
View angle:	• 97 ° ... 30 ° (manufacturer data) • 94 ° ... 29 ° (our tests result)
Optical zoom:	x 4
Digital zoom:	─
Range of IR illumination:	50 m
Video output:	─
Horizontal rotation range:	-100 ° ... 100 ° - Rotation of the head is limited by stops
Vertical rotation range:	-20 ° ... 45 ° - Rotation of the head is limited by stops
RS-485 interface:	─
Number of presets:	─

Horizontal scan:	—
Route settings:	—
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	—
Audio:	• Microphone built-in, • Audio transmission via network, • Echo suppression and reduction / digital noise reduction, • Compliance with the AAC standard
Main stream frame rate:	• 20 fps @ 4 Mpx • 25 fps @ 1080p
Network interface:	10/100 Base-T (RJ-45)
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	6
ONVIF:	✔
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect
Default IP address:	192.168.1.64
Default admin user / password:	admin / - The administrator password should be set at the first start
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
Port ONVIF:	80
RTSP URL:	• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization • Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization
Main features:	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • 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 • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • ICR - Movable InfraRed filter • Privacy zones - max. 4 • Motion Detection • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • Sharpness - sharper image outlines • Mirror - Mirror image • Day/night mode
Power supply:	• PoE (802.3af), • 12 V DC / 920 mA

Power consumption:	• ≤ 11 W @ 12 V DC • ≤ 12.5 W @ PoE
Housing:	PTZ, Metal + Plastic
Color:	White
Operation temp:	-30 °C ... 60 °C
"Index of Protection":	IP66
Weight:	0.95 kg
Dimensions:	197 x 105 x 225 mm
Supported languages:	English, Ukrainian
Manufacturer / Brand:	Hikvision
SAP Code:	311319374
Guarantee:	**3 years**