

Code: DS-2DE2A204IW-DE3(2.8-12MM)(C)

## IP SPEED DOME CAMERA OUTDOOR **DS-2DE2A204IW-DE3(2.8-12MM)(C)** - 1080p 2.8 ... 12 mm Hikvision

Net: **282.03 EUR** Gross: **346.90 EUR**

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

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  $\geq 1920 \times 1080$  resolution we recommend to use of network with 1Gb/s bandwidth.



### SPECIFICATION

Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	2.8 ... 12 mm
View angle:	<ul style="list-style-type: none"><li>• 109 ° ... 34 ° (manufacturer data)</li><li>• 97 ° ... 32 ° (our tests result)</li></ul>
Optical zoom:	x 4
Digital zoom:	x 16
Range of IR illumination:	20 m
Video output:	—
Preset rotation speed:	<ul style="list-style-type: none"><li>• 100 °/s (horizontal)</li><li>• 100 °/s (vertical)</li></ul>
Rotation speed (manual control):	0.1 °/s ... 100 °/s (horizontal) 0.1 °/s ... 100 °/s (vertical)
Horizontal rotation range:	330 ° - Rotation of the head is limited by stops
Vertical rotation range:	0 ° ... 90 °
RS-485 interface:	—
Number of presets:	300

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60

Horizontal scan:	✓
Route settings:	8
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Bitrate:	32 ... 16384 kbps
Alarm inputs / outputs:	—
Audio:	<ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Audio detection</li> </ul>
Main stream frame rate:	25 fps @ 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	16.12
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) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li> <li>• iOS (iPhone): Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li> </ul>
Default admin user / password:	admin / -
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
Port ONVIF:	80
RTSP URL:	<ul style="list-style-type: none"> <li>• Main stream rtsp://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization</li> <li>• Sub stream rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization</li> </ul>
Main features:	<ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• EIS - Electronic Image Stabilization</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• Intelligent Image Analysis : abandoned/missing object, crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, face detection</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>• ICR - Movable InfraRed filter</li> <li>• Configurable Privacy Zones - 24</li> <li>• Motion Detection</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> </ul>
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 330 mA</li> </ul>
Power consumption:	≤ 3.9 W
Housing:	Speed Dome, Metal
Color:	White

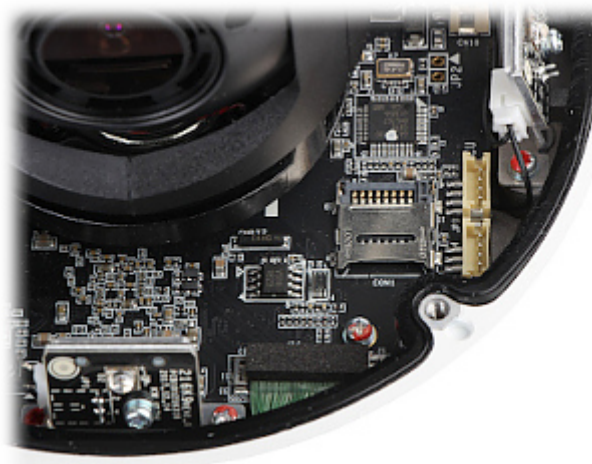
Operation temp:	-20 °C ... 60 °C
"Index of Protection":	IP66
Weight:	0.57 kg
Dimensions:	Ø 131 x 104 mm
Supported languages:	English
Manufacturer / Brand:	Hikvision
Manufacturer's code:	DS-2DE2A204IW-DE3
SAP Code:	301312712
Guarantee:	<b>3 years</b>

## PRESENTATION

Camera view after remove the Dome cover:



Micro SD card slot is located inside the camera:





Connectors:



Connectors description:



In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:

