

Code: DS-2DE2204IW-DE3/W

## IP SPEED DOME CAMERA INDOOR **DS-2DE2204IW-DE3/W** Wi-Fi, - 1080p 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.

Built-in Infra-Red illuminator enables night monitoring. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

The used Wi-Fi module allows to remote communication with camera for max. distance up to 50 m.

For a few models of IP cameras working at  $\geq 1920 \times 1080$  resolution we recommend to use of network with 1Gb/s bandwidth.



Standard:	TCP/IP
Sensor:	1/2.8 " 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>• 100 ° ... 25 ° (manufacturer data)</li> <li>• 93 ° ... 36 ° (our tests result)</li> </ul>
Optical zoom:	x 4
Digital zoom:	x 16
Range of IR illumination:	20 m
Video output:	—



# DATA SHEET

Rotation speed (manual control):	<ul style="list-style-type: none"><li>• 0.1 °/s ... 60 °/s (horizontal),</li><li>• 0.1 °/s ... 50 °/s (vertical)</li></ul>
Preset rotation speed:	<ul style="list-style-type: none"><li>• 60 °/s (horizontal)</li><li>• 50 °/s (vertical)</li></ul>
Horizontal rotation range:	0 ° ... 350 ° - Rotation of the head is limited by stops
Vertical rotation range:	0 ° ... 90 °
RS-485 interface:	—
Number of presets:	300
Horizontal scan:	✓
Route settings:	8
Image compression method:	H.265 / H.264+ / H.264 / MJPEG
Bitrate:	48 ... 16384 kbps
Alarm inputs / outputs:	1 / 1
Main stream frame rate:	25 fps - 1080p
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Network interface:	10/100/1000 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, IGMP, ICMP, QoS, FTP, SMTP, UPnP, UDP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.6
Audio:	<ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Audio detection</li><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li></ul>
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 IP address:	192.168.1.64
Default admin user / password:	admin / -
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



# DATA SHEET

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>• Wi-Fi Module - IEEE 802.11 b/g/n, Range : 50 m (open area)</li><li>• D-WDR - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• The ANR (Automatic Network Replenishment) function - ensures integrity of recording data in the event of network failures. It bases on automatic saving the recording data to microSD card inserted inside the camera, and after failure is end, the recorded data are automatically synchronized with the recorder</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• EIS - Electronic Image Stabilization</li><li>• Intelligent image analysis : intrusion, crossing the line (tripwire)</li><li>• ICR - Movable InfraRed filter</li><li>• Day/night mode</li><li>• BLC - Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• ROI - improve the quality of selected parts of image</li><li>• Configurable Privacy Zones</li><li>• Intelligent 3D Positioning System</li><li>• Microphone built-in</li></ul>
Power supply:	12 V DC / 750 mA , PoE (802.3at)
Power consumption:	≤ 9 W
Housing:	Mini Speed Dome, Plastic
Color:	White / Black
Operation temp:	-10 °C ... 50 °C
Weight:	0.674 kg
Dimensions:	Ø 125 x 137 mm
Supported languages:	English, Polish
Manufacturer / Brand:	Hikvision
SAP Code:	301308529
Guarantee:	<b>3 years</b>