

Code: DS-2SE7C425MWG-EB/26(F0)

## IP SPEED DOME CAMERA **DS-2SE7C425MWG-EB/26(F0)** TandemVu ColorVu - 3.7 Mpx 4.8 ... 120 mm Hikvision

The Speed Dome IP camera, in addition to the traditional PTZ camera module, also has a panoramic camera module mounted in the same housing. The series of these cameras can be used to monitor large spaces in high definition, such as rivers, roads, railways, airports, squares, parks, meeting places, etc.

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).

The ColorVu series camera allows to obtain clear, colorful image even in very poor lighting conditions. PoE powering possibility, compatible with the Hi-PoE standard makes the device more universal and easier to install.

Camera is according to IP66 Index of Protection norm.



|               |  |
|---------------|--|
| Standard:     | IP   |
| Resolution:   | <ul style="list-style-type: none"> <li>• Camera PTZ :<br/>2560 x 1440 - 3.7 Mpx ,<br/>1920 x 1080 - 1080p<br/>1280 x 960 - 1.3 Mpx<br/>1280 x 720 - 720p,</li> <li>• Camera 2 :<br/>3632 x 1632 - 6 Mpx ,<br/>3680 x 1656 - 6 Mpx</li> </ul> |
| Sensor:       | <ul style="list-style-type: none"> <li>• Camera PTZ : 1/2.8 " Progressive Scan CMOS,</li> <li>• Camera 2 : 1/2.5 " Progressive Scan CMOS</li> </ul>  |
| Lens:         | <ul style="list-style-type: none"> <li>• Camera PTZ : 4.8 ... 120 mm</li> <li>• Camera 2 : 2.8 mm</li> </ul>   |
| View angle:   | <ul style="list-style-type: none"> <li>• Camera PTZ : 55 ° ... 3 ° ,</li> <li>• Camera 2 : 180 ° ± 10 ° - A panoramic image</li> </ul>   |
| Optical zoom: | x 25   |
| Digital zoom: | x 16   |



# DATA SHEET

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| White light LED illuminator range: | 30 m @ Camera 2   |
| Range of IR illumination:          | 200 m @ Camera PTZ  |
| Memory card slot:                  | Micro SD memory cards up to 512GB support (possible local recording)  |
| Preset rotation speed:             | <ul style="list-style-type: none"><li>• 240 °/s (horizontal)</li><li>• 200 °/s (vertical)</li></ul>   |
| Rotation speed (manual control):   | <ul style="list-style-type: none"><li>• 0.1 °/s ... 160 °/s (horizontal)</li><li>• 0.1 °/s ... 120 °/s (vertical)</li></ul>   |
| Horizontal rotation range:         | 360 ° - continuous  |
| Vertical rotation range:           | -15 ° ... 90 °  |
| RS-485 interface:                  | —   |
| Number of presets:                 | 300   |
| Horizontal scan:                   | ✓   |
| Route settings:                    | 8   |
| Image compression method:          | H.265+ / H.265 / H.264+ / H.264 / MJPEG   |
| Alarm inputs / outputs:            | 2 / 1   |
| Audio:                             | <ul style="list-style-type: none"><li>• Audio input</li><li>• Audio output</li><li>• Audio detection</li><li>• Digital Noise Reduction</li><li>• Compliance with the AAC standard</li><li>• Alarm signaling</li></ul>   |
| Main stream frame rate:            | <ul style="list-style-type: none"><li>• Camera PTZ : 25 fps @ 3.7 Mpx</li><li>• Camera 2 : 25 fps @ 6 Mpx</li></ul>   |
| Interface:                         | 10/100 Base-T (RJ-45)   |
| WEB Server:                        | Built-in  |
| Max. number of on-line users:      | 20  |
| ONVIF:                             | ✓   |
| Intelligent Image Analysis:        | <ul style="list-style-type: none"><li>• crossing the line (tripwire)</li><li>• intrusion</li><li>• detection of entry into the area / exit from the area</li><li>• face detection - Deep Learning technology</li><li>• advanced face capture features - detection of up to 5 faces simultaneously</li></ul> |



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| Main features:                 | <ul style="list-style-type: none"><li>• WDR - 120 dB - Wide Dynamic Range - Camera PTZ / D-WDR - Panoramic camera</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• EIS - Electronic Image Stabilization</li><li>• ROI - improve the quality of selected parts of image</li><li>• SVC (Scalable Video Coding) - technology enabling the transfer of several sub-streams of different quality within one stream</li><li>• Day/night mode</li><li>• ICR - Movable InfraRed filter</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• Configurable: brightness, contrast, saturation</li><li>• Sharpness - sharper image outlines</li><li>• Mirror - Mirror 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</li><li>• Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time</li><li>• Intelligent 3D Positioning System</li><li>• Intelligent Object Tracking</li><li>• Smart motion detection (with recognizing people and vehicles)</li><li>• Filtering of false alarms based on the recognition of persons and vehicles</li><li>• Privacy zones</li><li>• Active intrusion deterrence works by blinking white light and siren sound</li></ul> |
| 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 IP address:            | 192.168.1.64  |
| Default admin user / password: | admin / -<br>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:                      | <ul style="list-style-type: none"><li>• Camera PTZ - Main stream :<br/>rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/</li><li>• Camera 2 - Main stream :<br/>rtsp://user:password@192.168.1.64:554/Streaming/Channels/201/</li></ul>   |
| Power supply:                  | <ul style="list-style-type: none"><li>• Hi-PoE,</li><li>• 24 V AC / 2.5 A (power adapter included)</li></ul>  |
| Power consumption:             | max. 60 W   |
| Housing:                       | Speed Dome, Metal   |
| Color:                         | White + Black   |
| "Index of Protection":         | IP66  |
| Mechanical protection class:   | —   |
| Operation temp:                | -30 °C ... 65 °C  |
| Weight:                        | <ul style="list-style-type: none"><li>• 5.8 kg (without bracket)</li><li>• 7.1 kg (with bracket)</li></ul>  |



# DATA SHEET

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| Dimensions:           | <ul style="list-style-type: none"><li>• 253 x 222 x 387 mm (without bracket)</li><li>• 422 x 222 x 482 mm (with bracket)</li></ul> |
| Supported languages:  | Polish, English  |
| Manufacturer / Brand: | Hikvision  |
| SAP Code:             | 327001127  |
| Guarantee:            | <b>3 years</b>   |