

Code: DS-2SE4C425MWG-E(14F0)

IP SPEED DOME CAMERA OUTDOOR **DS-2SE4C425MWG-E(14F0)** 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 802.3at 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.



Standard:	TCP/IP
Sensor:	<ul style="list-style-type: none"> • Camera PTZ : 1/3 " Progressive Scan CMOS, • Camera 2 : 1/2.8 " Progressive Scan CMOS
Matrix size:	<ul style="list-style-type: none"> • Camera PTZ : 2.1 Mpx • Camera 2 : 3.7 Mpx
Resolution:	<ul style="list-style-type: none"> • 2560 x 1440 - 3.7 Mpx, • 1920 x 1080 - 1080p • 1280 x 960 - 1.3 Mpx • 1280 x 720 - 720p
Lens:	<ul style="list-style-type: none"> • Camera PTZ : 4.8 ... 120 mm • Camera 2 : 2.8 mm
View angle:	<ul style="list-style-type: none"> • Camera PTZ : 55 ° ... 2.4 ° (manufacturer data) 53 ° ... 3 ° (our tests result), • Camera 2 : 96 ° (manufacturer data) 90 ° (our tests result)
Optical zoom:	x 25



DATA SHEET

Digital zoom:	x 16
Range of IR illumination:	100 m @ Camera PTZ
White light LED illuminator range:	30 m @ Camera 2
Preset rotation speed:	<ul style="list-style-type: none">• 80 °/s (horizontal)• 80 °/s (vertical)
Rotation speed (manual control):	<ul style="list-style-type: none">• 0.1 °/s ... 80 °/s (horizontal)• 0.1 °/s ... 80 °/s (vertical)
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:	1 / 1
Audio:	<ul style="list-style-type: none">• External microphone input• Audio output• Audio detection• Digital Noise Reduction• Compliance with the AAC standard
Main stream frame rate:	<ul style="list-style-type: none">• Camera PTZ : 25 fps @ 3.7 Mpx• Camera 2 : 25 fps @ 3.7 Mpx
Network interface:	10/100 Base-T (RJ-45)
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	✓
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Mobile phones support:	<ul style="list-style-type: none">Port no.: 8000 or access by a cloud (P2P)• Android: Free application Hik-Connect• iOS: Free application Hik-Connect
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
Port ONVIF:	80



DATA SHEET

RTSP URL:	<ul style="list-style-type: none">• Camera PTZ - Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/• Camera 2 - Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/201/
Main features:	<ul style="list-style-type: none">• WDR - 120 dB - Wide Dynamic Range• 3D-DNR - Digital Noise Reduction• EIS - Electronic Image Stabilization• F-DNR (Defog) - Reduction of image noise caused by precipitation• ROI - improve the quality of selected parts of image• BLC/HLC - Back Light / High Light Compensation• ICR - Movable InfraRed filter• Day/night mode• Auto White Balance• Sharpness - sharper image outlines• Configurable: brightness, contrast, saturation• Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time• 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• NAS - Network Attached Storage support• Privacy zones• Intelligent 3D Positioning System• Filtering of false alarms based on the recognition of persons and vehicles• Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, face detection• The camera is equipped with a built-in heater with a thermostat
Power supply:	<ul style="list-style-type: none">• PoE (802.3at),• 12 V DC / 3.33 A (power adapter included)
Power consumption:	≤ 24 W
Housing:	Speed Dome, Metal
Color:	White + Black
Operation temp:	-30 °C ... 65 °C
"Index of Protection":	IP66
Weight:	2.4 kg (without bracket)
Dimensions:	Ø 166 x 375 mm (without bracket)
Supported languages:	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, Vietnamese, Italian
Manufacturer / Brand:	Hikvision
SAP Code:	327000910
Guarantee:	3 years