

Code: DS-2DE4220W-AE

IP SPEED DOME CAMERA OUTDOOR **DS-2DE4220W-AE** - 1080p 4.7 ... 94 mm Hikvision

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. 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:	1/2.8 " 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:	4.7 ... 94 mm
View angle:	• 61 ° ... 2.9 ° (manufacturer data) • 55 ° ... 3.8 ° (our tests result)
Optical zoom:	x 20
Digital zoom:	x 16
Min. illumination:	• 0.05 Lux @ F1.6 (color), • 0.01 Lux @ F1.6 (B/W)
Video output:	—



DATA SHEET

Preset rotation speed:	160 °/s (horizontal) 120 °/s (vertical)
Rotation speed (manual control):	0.1 °/s ... 160 °/s (horizontal) 0.1 °/s ... 120 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	5 ° ... 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
Bitrate:	32 ... 16384 kbps
Alarm inputs / outputs:	1 / 1
Audio:	• External microphone input • Audio output
Main stream frame rate:	25 fps @ 1080p 50 fps @ 1.3 Mpx
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, DHCP, PPPoE, Bonjour
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.6
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main features:	• Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time • D-WDR - Wide Dynamic Range • ICR - Movable InfraRed filter • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • Configurable Privacy Zones - 8 • HLC - High Light Compensation (spot) • Sharpness - sharper image outlines • Mirror - Mirror image • Day/Night mode (color/b&w/auto) • Audio detection • ROI - improve the quality of selected parts of image • Intelligent Image Analysis : crossing the line (tripwire), intrusion • EIS - Electronic Image Stabilization
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect
Default IP address:	192.168.1.64
Default admin user / password:	admin / -



DATA SHEET

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://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization • 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
Power supply:	• PoE (802.3at), • 24 V AC / 0.75 A
Power consumption:	≤ 18 W
Housing:	Speed Dome Metal
Color:	White
"Index of Protection":	IP66
Vandal-proof:	IK10
Operation temp:	-30 °C ... 65 °C
Weight:	2.08 kg
Dimensions:	Ø 180 x 240 mm
Supported languages:	English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Japanese, Lithuanian, Latvian, German, Norwegian, Polish, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian
SAP Code:	301308757
Manufacturer / Brand:	Hikvision
Guarantee:	3 years