

**HIKVISION®**

## 2MP ColorVu IP PTZ Dome Camera 20x Optical Zoom

**DS-2DE7A220MCG-EB****SKU: 149653**

Hikvision DS-2DE7A220MCG-EB 2 MP 20 × Network Speed Dome adopts 1/1.8" progressive scan CMOS chip. With the 20 × optical zoom lens, the camera offers more details over expansive areas. This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, roads, railways, airports, squares, parks, scenic spots, and venues, etc. Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

### Features

- 24/7 colorful imaging
- High quality imaging with 2 MP resolution
- Audio visual alarm: The white flashing light and audible warning can be triggered by certain events
- 20 × optical zoom and 16 × digital zoom provide close up views over expansive areas
- Expansive night view with up to 150 m IR distance and 100 m white light
- Focuses on human and vehicle targets classification based on deep learning
- Face capture: Up to 5 faces captured at the same time

Image Sensor	1/1.8" progressive scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.0005Lux @ (F1.2, AGC ON), B/W: 0.0001Lux @ (F1.2, AGC ON), 0 lux with light
Shutter Speed	1/1 s to 1/30000 s
Slow Shutter	Yes
Day ? Night	IR cut filter
Zoom	20 × optical, 16 × digital
Focal Length	6.7 mm to 134 mm
Zoom Speed	Approx. 7 s
FOV	Horizontal field of view: 53° to 4.9° (wide-tele), Vertical field of view: 31.3° to 2.7° (wide-tele), Diagonal field of view: 59.6° to 5.6° (wide-tele)
Aperture	Max. F1.2
Focus	Auto, semi-auto, manual
Supplement Light Type	Hybrid (IR and White Light)
Supplement Light Range	White light: up to 100 m IR: up to 150 m
Movement Range (Pan)	360°
Movement Range (Tilt)	-15° to 90° (auto flip)

Pan Speed	Pan speed: configurable from 0.1° to 160°/s; preset speed: 240°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Simultaneous Live View	Up to 20 channels
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	120 dB
Alarm	2 inputs, 1 output
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 k $\Omega$ $\pm$ 10%; 1 output (line out), line level, output impedance: 600 $\Omega$
Built-in Speaker	1 built-in speaker with effective distance reaching max. 30 meters
Basic Event	Motion detection, video tampering alarm, exception, alarm input and output
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection
Smart Tracking	Manual tracking, auto-tracking
Alarm Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing, and PTZ actions (such as preset, patrol scan, pattern scan)
Face Capture	Detects up to 5 faces simultaneously. Supports detecting, capturing, grading, selecting of face in motion, and output the best face picture of the face
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)