TANDEMVU 4MP+4MP FIXED LENS POE PT NETWORK CAMERA



Short Description

The Hikvision DS-2SE2C400MWG-E/14 is a TandemVu PT network camera that combines two independent 4MP channels — a 2.8mm panoramic lens (94° wide FOV) and an 8mm PT lens (44° FOV) — into one compact unit, delivering simultaneous wide-area and close-up coverage at 2560×1440 resolution. Equipped with Smart Hybrid Light (IR + white light up to 30m), AI-powered human and vehicle detection, built-in microphone and speaker, and PoE+ support, it is an advanced all-in-one solution for intelligent outdoor surveillance.

Key Feature

- Model Number: DS-2SE2C400MWG-E/14
- Brand: Hikvision
- Category: Internet Protocol (IP) Camera
- Availability: Available

Product Information

Model Number	DS-2SE2C400MWG-E/14
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2SE2C400MWG-E/14 is an advanced TandemVu PT IP camera from Hikvision's Pro Series Easy IP lineup, designed for users who demand higher resolution, smarter detection, and greater situational awareness from a single camera unit. Building upon TandemVu technology, it houses two completely independent imaging channels — a panoramic bullet channel with a 2.8mm lens (94° horizontal FOV, 114° diagonal FOV) and a PT channel with an 8mm lens (44° horizontal FOV, 51° diagonal FOV) — both delivering crisp 4MP resolution at 2560×1440, a significant upgrade over standard 2MP counterparts.

Both channels are driven by superior 1/2.8" Progressive Scan CMOS sensors, delivering excellent image quality with natural colour rendition and reduced noise. The camera achieves a minimum illumination of just 0.005 Lux (colour and B/W), and drops to 0 Lux when IR is activated — making it highly capable in pitch-dark environments.

The Smart Hybrid Light system intelligently manages both infrared and white light illumination up to 30 meters, automatically adapting to ambient conditions to produce detailed, full-colour or black-and-white night images as needed. This ensures consistently high-quality footage regardless of lighting conditions.

Leveraging Hikvision's deep-learning AI engine, the DS-2SE2C400MWG-E/14 offers human and vehicle classification-based motion detection, filtering out irrelevant triggers caused by animals, foliage, or environmental changes. Event-driven linkage actions include FTP/NAS upload, memory card recording, email alerts, surveillance center notification, and audible warnings.

The camera features an integrated microphone and speaker, enabling two-way audio and real-time voice deterrence or communication directly from the device. A built-in microSD/SDHC/SDXC card slot supports up to 512GB of local storage, allowing standalone operation without a dedicated NVR.

Overconnectivity is streamlined via PoE+ (IEEE 802.3at, Class 4) for single-cable deployment, with an additional 12VDC power option for flexible installation. The camera is rated IP66 for robust dust and water resistance, and operates across a wide temperature range of -30°C to 50°C, making it well-suited for demanding outdoor environments in all seasons.

Remote monitoring is effortlessly handled through Hik-Connect cloud service and the companion mobile app, giving users live view access, push notifications, and device management from any smartphone or tablet. PC-based monitoring is supported via iVMS-4200 and Hik Partner Pro software.

Ideal for hotels, retail stores, parking lots, transport hubs, residential complexes, and commercial facilities, the DS-2SE2C400MWG-E/14 eliminates surveillance blind spots and delivers a complete, intelligent two-in-one monitoring solution with higher clarity than its 2MP counterpart.

Technical Specifications

Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC,HLC,3D DNR
Privacy Mask	[Bullet channel] 4 programmable polygon privacy masks, [PTZ channel] 4 programmable polygon privacy masks
Image Parameters Switch	Yes
Image Settings	Saturation, brightness, contrast, sharpness
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Interface	
Built-in Microphone	1 built-in microphone
Built-in Speaker	1 built-in speaker
Ethernet Interface	1 RJ45 10 M/100M self-adaptive Ethernet port
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Reset	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), exception
Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger recording,audible warning
General	
Material	PLASTIC & METAL

Power	12 VDC ± 25%, 1.5 A, max. 18 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 21.5 W
Operating Condition	-30 °C to 50 °C (-22 °F to 122 °F). Humidity 95% or less (non-condensing)
Dimension	134 mm × 213.5 mm × 291.7 mm (5.3" × 8.4" × 11.5")
Camera Specifications	
Image Sensor	[Bullet channel] 1/2.8 Progressive Scan CMOS [PTZ channel] 1/2.8 Progressive Scan CMOS"
Min. Illumination	[Bullet channel] Color: 0.005 Lux @ (F2.0, AGC ON), B/W: 0.005 Lux @ (F2.0, AGC ON), 0 Lux with IR [PTZ channel] Color: 0.005 Lux @ (F2.0, AGC ON), B/W: 0.005 Lux @ (F2.0, AGC ON), 0 lux with IR
Shutter Speed	1 s to 1/30,000 s
Slow Shutter	Yes
Day & Night	ICR
Max. Resolution	[Bullet channel] 2560 × 1440, [PTZ channel] 2560 × 1440
Lens	
Focal Length	[Panoramic channel] 2.8 mm, [PTZ channel] 8 mm
FOV	[Panoramic channel] horizontal field of view: 94°, vertical field of view: 49°, diagonal field of view: 114°, [PTZ channel] horizontal field of view: 44°, vertical field of view: 24°, diagonal field of view: 51°
Aperture	[Bullet channel] F1.6, [PTZ channel] F1.6
Illuminator	
Supplement Light Type	[Bullet channel] Hybrid (IR and White Light), [PTZ channel] Hybrid (IR and White Light)
Supplement Light Range	Supplement Light Range
Smart Supplement Light	Yes
PTZ	

Movement Range (Pan)	[Panoramic channel] 0° to 355°, [PTZ channel] 0° to 345°
Movement Range (Tilt)	[Bullet channel] 7° to 17° (manually adjust), [PTZ channel] 0° to 80°
Pan Speed	Pan speed: configurable from 4° to 25°/s, preset speed: 25°/s
Tilt Speed	Tilt speed: configurable from 4° to 20°/s, preset speed 20°/s
Presets	300
Power-off Memory	Yes
Video	
Scalable Video Coding (SVC)	Yes
Region of Interest (ROI)	1 fixed region for main stream
Main Stream	[Bullet channel] 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) [PTZ channel] 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	[Bullet channel] 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) [PTZ channel] 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264/Smart264/Smart265, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 4 Mbps
H.264 Type	Baseline profile,Main profile,High profile
H.265 Type	Main profile
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps(G.711ulaw/G.711alaw)/16 Kbps(G.722.1)/16 Kbps(G.726)/32 to 160 Kbps(MP2L2)/16 to 64Kbps(AAC-LC)/8 to 160 Kbps(MP3)/8 to 48 Kbps(PCM)
Audio Sampling Rate	8 kHz/16 kHz

Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, SMTP, RTSP, FTP, WebSockets, IGMP, WebSocket, Qos, RTCP, HTTPS, PPPoE, SNMP, NTP, RTP, UDP, DNS, HTTP, DHCP, Bonjour, 802.1x, IPv4, IPv6, DDNS, ICMP, UPnP
API	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP
Security	Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Client	iVMS-4200,Hik-Connect,Hik Partner Pro
Web Browser	Chrome 31 to 44, Firefox 30 to 51, Safari 8.0+