

AXIS P3248-LV Network Camera

모든 조명에 적합한 매끄러운 디자인의 4K 돔

AXIS P3248-LV는 뛰어난 4K 해상도로 우수한 이미지 품질을 제공합니다. 이 IK10 등급 카메라는 Axis Lightfinder 2.0 및 Axis Forensic WDR을 갖추고 있어 까다로운 조명이나 어두운 곳에서도 생생한 컬러와 뛰어난 디테일을 제공합니다. 완전히 어두운 곳에서 감시할 수 있도록 OptimizedIR이 포함되어 있으며 모션 적응형 노출은 접근하거나 근처에 있는 객체의 모션 블러를 크게 줄입니다. AXIS Object Analytics는 사람과 차량을 감지하고 분류할 수 있습니다. 또한 양방향 오디오 및 I/O 연결 덕분에 오디오 분석을 추가하고 주변 장치를 통합할 수 있습니다. 또한 Axis Edge Vault는 Axis 장치 ID를 보호하고 네트워크에서 Axis 제품 인증을 단순화합니다.

- > 30fps에서 4K 해상도
- > Lightfinder 2.0 및 모션 적응형 노출
- > H.264 및 H.265를 지원하는 Zipstream
- > AXIS Object Analytics
- > 강화된 보안 기능



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카메라	
이미지 센서	1/1.8" progressive scan RGB CMOS
렌즈	Varifocal, 4.3–8.6 mm, F1.5 Horizontal field of view: 100°–53° Vertical field of view: 54°–30° Remote zoom and focus, P-Iris control, IR corrected
주야간	Automatically removable infrared-cut filter
최소 조도	With Forensic WDR and Lightfinder 2.0: Color: 0.14 lux at 50 IRE, F1.5 B/W: 0 lux at 50 IRE, F1.5
셔터 속도	1/8500 s to 1/5 s
카메라 각도 조정	Pan ±180°, tilt ±75°, rotation ±175°
시스템 온 칩(SoC)	
모델	ARTPEC-7
메모리	2048 MB RAM, 512 MB Flash
컴퓨팅 기능	Machine learning processing unit (MLPU)
비디오	
비디오 압축	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG
해상도	3840x2160 to 160x90
프레임 레이트	25/30 fps with power line frequency 50/60 Hz
비디오 스트리밍	Multiple, individually configurable streams in H.264, H.265, and Motion JPEG Axis Zipstream technology for H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode
멀티 뷰 스트리밍	Up to 2 individually cropped out view areas in full frame rate
이미지 설정	Compression, color saturation, brightness, sharpness, contrast, local contrast, white balance, day/night threshold, tone mapping, exposure control (including automatic gain control), motion-adaptive exposure, exposure zones, fogging, Forensic WDR: up to 120 dB depending on scene, barrel distortion correction, fine tuning of low-light behavior, dynamic text and image overlay, privacy masks, mirroring, rotation: 0°, 90°, 180°, 270°, including Corridor Format
팬/틸트/줌	Digital PTZ, preset positions
오디오	
오디오 기능	Automatic gain control Voice enhancer
오디오 스트리밍	Configurable duplex: Two-way (half duplex, full duplex)
오디오 입력/출력	Two-way audio connectivity through optional AXIS T61 Audio and I/O Interfaces with portcast technology
오디오 입력	Input for external unbalanced microphone, optional 5 V microphone power Digital input, optional 12 V ring power Unbalanced line input
오디오 출력	Line output
오디오 인코딩	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate

네트워크	
네트워크 프로토콜	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)
시스템 통합	
애플리케이션 프로그래밍 인터페이스	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specification at onvif.org Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX
이벤트 조건	Analytics, external input, supervision of input, edge storage events, virtual inputs through API MQTT subscribe
이벤트 액션	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP, and SNMP trap MQTT publish Overlay text, external output activation, play audio clip, make call
내장된 설치 보조 도구	Pixel counter, remote focus, remote zoom OptimizedIR with adjustable IR illumination intensity
분석	
애플리케이션	Included AXIS Object Analytics, AXIS Scene Metadata AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm Audio detection Supported AXIS Live Privacy Shield Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
AXIS Object Analytics	Object classes: humans, vehicles Scenarios: line crossing, object in area, crossline counting, time in area Up to 10 scenarios Other features: triggered objects visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
AXIS Scene Metadata	Object classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position
승인	
EMC	EN 55035, EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-3(A)/NMB-3(A) Japan: VCCI Class A Korea: KC KN32 Class A, KC KN35 USA: FCC Part 15 Subpart B Class A
안전	IEC/EN/UL 62368-1, IS 13252, IEC/EN 62471
환경	IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-6, IEC 60068-2-78 IEC/EN 60529 IP52, IEC/EN 62262 IK10

네트워크	NIST SP500-267	IR 조명	OptimizedIR with power-efficient, long-life 850 nm IR LEDs Range of reach 40 m (130 ft) or more depending on the scene
사이버 보안		저장장치	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
에지 보안	Software: Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Secure boot, Axis Edge Vault with Axis device ID	작동 조건	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
네트워크 보안	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall	스토리지 조건	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
문서화	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity	크기	Height: 103 mm (4.06 in) ø 149 mm (5.87 in)
일반 사항		무게	720 g (1.6 lb)
케이스	IP52-rated, IK10 impact-resistant polycarbonate casing with hard-coated dome and dehumidifying membrane Encapsulated electronics and captive screws Color: white NCS S 1002-B For repainting instructions and impact on warranty, contact your Axis partner.	포함된 액세서리	Installation guide, Windows® decoder 1-user license, drill template, Resistorx® T20 L-key, terminal block connectors, cable gaskets, connector guard
마운팅	Mounting bracket with holes for junction box (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount ¼"-20 UNC tripod screw thread	옵션 액세서리	AXIS TP3201 Recessed Mount, optionally with AXIS Device Microphone B, AXIS T94K01D Pendant Kit, AXIS Dome Intrusion Switch C, AXIS T6101 Audio and I/O Interface, AXIS T6112 Audio and I/O Interface, AXIS TP3901 Microphone Kit, AXIS ACI Conduit Adapters, Axis mounts and microphones, smoked dome, black casing For more accessories, see axis.com
지속 가능성	PVC free	영상 관리 소프트웨어	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
전원	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 8.2 W, max 11.4 W	언어	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
커넥터	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE I/O: 4-pin 2.5 mm (0.098 in) terminal block for 1 supervised digital input and 1 digital output (12 V DC output, max. load 25 mA) Audio: 4-pin 2.5 mm (0.098 in) terminal block for audio in and out Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology	보증	5-year warranty, see axis.com/warranty