AXIS P3225-LV Mk II Network Camera
Streamlined HDTV 1080p fixed dome for any light conditions

AXIS P3225-LV Mk II is a streamlined fixed dome that provides HDTV 1080p video. It features a varifocal lens and remote zoom and focus, which eliminates the need for hands-on fine tuning. Equipped with WDR – Forensic Capture to handle scenes with strong variations in light, Lightfinder technology for exceptional light sensitivity, as well as built-in IR illumination with OptimizedIR, this versatile camera provides outstanding video quality in any light conditions. It supports Axis Zipstream technology that significantly reduces bandwidth and storage requirements.

> HDTV 1080p video quality
> Remote zoom and focus
> Lightfinder and WDR – Forensic Capture
> OptimizedIR illumination
> Axis Zipstream
AXIS P3225-LV Mk II Network Camera

Camera
Image sensor Progressive scan RGB CMOS 1/3"
Lens Varifocal, 3.0-10.5 mm, F1.4
Horizontal field of view: 92°-34°
Vertical field of view: 50°-20°
Remote focus and zoom, P-Iris control, IR corrected
Day and night Automatically removable infrared-cut filter
Minimum illumination HDIV 1080p 25/30 fps with WDR – forensic capture and Lightfinder:
Color: 0.16 lux at 50IRE, F1.4
B/W: 0.03 lux at 50IRE, F1.4, 0 lux with IR illumination on
HDIV 1080p 50/60 fps:
Color: 0.32 lux at 50IRE, F1.4
B/W: 0.06 lux at 50IRE, F1.4, 0 lux with IR illumination on
Shutter time 1/65500 s to 1 s
Camera angle adjustment Pan ±180°, tilt -35° to +75°, rotation ±95°

Video
Video compression H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG
Resolution 1920x1080 to 1600x90
Frame rate With WDR: 25/30 fps with power line frequency 50/60 Hz
Without WDR: 50/60 fps with power line frequency 50/60 Hz
Video streaming Multiple, individually configurable streams in H.264 and Motion JPEG
AXIS Zipstream technology in H.264
Controllable frame rate and bandwidth VBR/ABR/MBR H.264
Multi–view streaming 2 individually cropped out view areas
Pan/Tilt/Zoom Digital PTZ, preset positions
Image settings Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control (including automatic gain control), Exposure zones, Fine tuning of behavior at different light levels, WDR – forensic capture: Up to 120 dB depending on scene, Text and image overlay, Mirroring of images, Privacy masks Rotation: 0°, 90°, 180°, 270°, including Corridor Format

Network
Security Password protection, IP address filtering, HTTPS encryption, IEEE 802.1x (EAP-TLS) network access control, Digest authentication, User access log, Centralized Certificate Management, brute force delay protection, signed firmware
Supported protocols IPv4, IPv6 UDP, HTTP, HTTPS, SSH, SSL/TLS, QuS Layer 3 DiffServ, FTP, CF/SSM, SMTP, Bonjour, IPv6, SNMP v1/v2c/v3(MIB-2), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP

System integration
Application programming interface Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com
AXIS Guardian with One-Click Connection ONVIF Profile G, ONVIF Profile S, and ONVIF Profile T, specification at onvif.org

Analytics
Included
AXIS Video Motion Detection, active tampering alarm
Supported
AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, AXIS Perimeter Defender
AXIS Digital Auto跟踪, AXIS People Counter,
AXIS Tailgating Detector, AXIS Direction Detector,
AXIS Occupancy Estimator, AXIS Random Inspection,
AXIS Queue Monitor
Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/opc

Event triggers
Analytics, edge storage events, virtual inputs through API

Event actions
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 buffer for recording or upload

Data streaming Event data
Built-in installation aids Remote zoom, remote focus, pixel counter, optimized IR with adjustable IR illumination intensity

General
Casing IP62-rated, IK08 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 of skin cover or casing and impact on warranty, contact your Axis partner
Mounting Mounting bracket with holes for junction boxes (double-gang, single-gang, and 4” octagon) and for wall or ceiling mounting
Shutter: 1/4°-20 UNC tripod screw thread
Sustainability PVC free
Memory 512 MB RAM, 256 MB Flash
Power Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 10.2 W, typical 6.1 W
Connectors Shielded RJ45 10BASE-T/100BASE-TX PoE
IR illumination Optimized IR with power-efficient, long-life 850 nm IR LEDs with adjustable illumination intensity. Range of reach 30 m (100 ft) or more depending on scene
Storage Support for microSD/microSDHC/microSDXC card
Support for SD card encryption
Support for recording to network-attached storage (NAS)
For SD card and NAS recommendations see axis.com
Operating conditions 0 °C to 50 °C (32 °F to 122 °F)
Humidity 10 to 85% RH (non-condensing)
Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
Humidity 5-95% RH (non-condensing)
Approvals EMC EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62336-4, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24
Safety IEC/EN/Ul 60950-1, IEC/EN 62471, IS 13252
Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-78, IEC/EN 60529 IP52, IEC/EN 60228 IK08
Network NIST SF500-267
Dimensions Height: 101 mm (4 in) x 149 mm (5 7/8 in)
Weight 550 g (1.2 lb)

Included accessories Installation Guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistors® T20 L-key, drill template, connector guard
Optional accessories AXIS ACU Conduit Bracket B, AXIS ACU Conduit Adapters, TAI4001L Recessed Mount Kit, AXIS TAI4001T Pendant Kit, AXIS Skin Cover C, Black, AXIS Mounts, Smoked dome
For more accessories, see axis.com

Video management software AXIS Companion, AXIS Camera Station, Video management software from AXIS Application Development Partners available on axis.com/vms
Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

Environmental responsibility: axis.com/environmental-responsibility