

# AXIS P3225-LV Network Camera

Optimized for forensic imaging in HDTV 1080p

AXIS P3225-LV is a streamlined fixed dome providing HDTV 1080p video quality. It features a varifocal lens and remote zoom and focus, which eliminates the need for hands-on fine tuning. The day and night functionality, together with OptimizedIR and P-Iris control, ensure superb image quality in any lighting conditions. Axis' built-in IR solution, OptimizedIR, automatically adapts to the zoom level set at installation, ensuring an evenly illuminated image. WDR – Forensic Capture increases forensic usability by highlighting details in both dark and well lit areas. Zipstream lowers bandwidth and storage requirements.

> **HDTV 1080p video quality**

> **Remote zoom and focus**

> **WDR -Forensic Capture**

> **OptimizedIR illumination**

> **Axis' Zipstream technology**



# AXIS P3225-LV Network Camera

Camera		Video recording to edge storage Pre- and post-alarm video buffering Send video clip Overlay text IR illumination on/off
Image sensor	Progressive scan RGB CMOS 1/2.8"	
Lens	Varifocal, 3.0–10.5 mm, F1.4 Horizontal angle of view 92°–34° Vertical angle of view 50°–20° Remote focus and zoom, P-Iris control, IR corrected	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	HDTV 1080p 25/30 fps with WDR – Forensic Capture: Color: 0.25 lux, F1.4 B/W: 0.05 lux, F1.4, 0 lux with IR illumination on HDTV 1080p 50/60 fps: Color: 0.5 lux, F1.4 B/W: 0.1 lux, F1.4, 0 lux with IR illumination on	<b>Data streaming</b> Event data <b>Built-in installation aids</b> Remote zoom, Remote focus, Pixel counter, OptimizedIR with adjustable IR illumination angle and intensity
Shutter time	1/142850 s to 2 s	
Pan/Tilt/Zoom	Pan ±180°, tilt -5 to +75°, rotation ±95°	
Video		
Video compression	H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG	<b>General</b> <b>Casing</b> Aluminum inner camera module with encapsulated electronics IP52-rated, IK08 impact-resistant casing with dehumidifying membrane Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Resolutions	1920x1080 to 160x90	
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 Controllable frame rate and bandwidth, VBR/MBR H.264	
Multi-view streaming	2 individually cropped out view areas	<b>Memory</b> 512 MB RAM, 256 MB Flash
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control (including automatic gain control), Exposure zones, Backlight compensation, Fine tuning of behavior at different light levels, WDR – Forensic Capture: Up to 120 dB depending on scene, Local contrast, Text and image overlay, Mirroring of images, Privacy masks Rotation: 0°, 90°, 180°, 270°, including Corridor Format	<b>Power</b> Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 10.2 W, typical 3.9 W
Pan/Tilt/Zoom	Digital PTZ	<b>Connectors</b> RJ45 10BASE-T/100BASE-TX PoE
Network		<b>IR illumination</b> OptimizedIR with power-efficient, long-life 850 nm IR LEDs with adjustable angle of illumination and intensity. Range of reach up to 25 m (82 ft) depending on scene
Security	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	
Supported protocols	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Edge storage</b> Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
Analytics	Video motion detection, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	<b>Operating conditions</b> 0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing)
Event triggers	Analytics, Edge storage events	<b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F)
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, TCP and SNMP trap	<b>Approvals</b> EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24 IEC/EN/UL 60950-1, IEC/EN 62471 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 62262 IK08

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

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