AXIS 5525-E

INNOVATIVE INDUSTRIAL SOLUTIONS

I.I.S. Custom Mounting System and 24” Tether for FME purposes.

A compact pan-tilt-zoom camera with HDTV 1080p resolution, 10x optical zoom, and autofocus, enabling great video quality in both overview and detail. Day/night functionality and WDR – Forensic Capture ensures maintained image quality in low or mixed light, and scene profiles are included for automatic optimization.

- HDTV 1080p with 10x optical zoom
- Continuous 360° for uninterrupted pan
- WDR — Forensic Capture
- Axis Zipstream technology
- I/O ports and two-way audio

Camera

Image sensor	1/2.8" progressive scan CMOS
Lens	4.7–47 mm, F1.6–3.0 Horizontal field of view: 61.8°–6.7° Vertical field of view: 37.2°–3.8° Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.45 lux at 30 IRE F1.6 **B/W:** 0.01 lux at 30 IRE F1.6 **Color:** 0.55 lux at 50 IRE F1.6 **B/W:** 0.01 lux at 50 IRE F1.6
Shutter speed	1/66500 s to 2 s
Pan/Tilt/Zoom	Pan: 360° endless, 1.8°–150°/s Tilt: 90°,1.8°–150°/s 10x optical zoom, 12x digital zoom, total 120x zoom Nadir flip, 100 preset positions, limited guard tour, control queue, on-screen directional indicator

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	1920x1080 to 320x180
Frame rate	Up to 25/30 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/MBR H.264
Image settings	Saturation, brightness, sharpness, WDR – forensic capture, white balance, exposure mode, exposure zones, compression, text and image overlay, 20 individual 3D privacy masks, contrast, scene profiles, image freeze on PTZ, local contrast, max shutter, max gain, noise/motion priority, aperture lock, exposure level, rotation: 0°, 180°

Audio

Audio streaming	Two-way, full duplex
Audio encoding	AAC-LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16 kHz, LPCM 32 kHz Configurable bit rate
Audio input/output	External microphone input or line input, line output

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, SFTP CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, 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* One-click cloud connection ONVIF® Profile S and ONVIF® Profile G, specification at *onvif.org*
Event triggers	Analytics, edge storage events Detectors: day/night mode, live stream accessed, audio detection Hardware: network, temperature Input Signal: digital input port, manual trigger, virtual inputs PTZ: error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule
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 buffering for recording or upload Notification: email, HTTP, HTTPS, TCP, and SNMP trap PTZ: PTZ preset, start/stop guard tour Overlay text, play audio clip, external output activation, WDR mode
Data streaming	Event data
Built-in installation aids	Pixel counter

Analytics

Applications	**Included** AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, audio detection, advanced gatekeeper **Supported** AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*

General

Casing	IP66-, NEMA 4X- and IK09-rated Repaintable plastic casing, polycarbonate (PC) dome
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 6.6 W, max 12.95 W 20–28 V DC, typical 6.3 W, max 13 W (PoE midspan and power supply not included)
Connectors	RJ45 10BASE-T/100BASE-TX PoE DC input terminal block I/O: 6-pin terminal block with push-in spring connection for four configurable inputs/outputs Audio: mic/line in, line out terminal block with push-in spring connection
Storage	Support for microSD/SDHC/SDXC card (not included) Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see *axis.com*
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 15–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KN35 **Safety** IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IS 13252 **Environment** IEC 60068-2-27, IEC 60068-2-6, IEC/EN 60529 IP66, IEC/EN 62262 IK09 **Network** NIST SP500-267
Dimensions	Height: 132 mm (5.2 in), ø 165 mm (6.5 in)
Weight	1.1 kg (2.4 lb) Recessed mount (plenum rated): 1.0 kg (2.2 lb)
Included accessories	Conduit adapter 3/4", smoked dome, adapter bayonette Installation Guide, Windows® decoder 1-user license
Optional accessories	AXIS T91 Mounting Accessories, AXIS T94P01L Recessed Mount Kit
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at *axis.com/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-year warranty, see *axis.com/warranty*

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

Environmental responsibility:

axis.com/environmental-responsibility