

# AXIS P5515-E PTZ Network Camera

Cost-effective, outdoor-ready PTZ camera

AXIS P5515-E is a compact pan/tilt/zoom camera that enables users to pan 360° for overview surveillance and zoom 12x with autofocus for detailed views. It provides HDTV resolution up to 1080p at 25/30 fps frame rate. Day/night functionality ensures maintained image quality even in low light conditions. The camera ensures protection against dust, rain, snow, ice, and corrosion. It can operate in temperatures from -20 °C to 50 °C (-4 °F to 122 °F). The SD/SDHC slot enables local video storage.

- > 12x optical zoom
- > 360° pan with Auto-flip
- > Zipstream
- > Protection against dust, rain, and snow
- > Easy installation including PoE



# AXIS P5515-E PTZ Network Camera

| Camera                            |                                                                                                                                                                                                                                                                                                                                             | Time: Recurrence, Use schedule                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image sensor                      | 1/2.3" progressive scan CMOS                                                                                                                                                                                                                                                                                                                | Event actions                                                                                                                                                                                                                                                                                                                                                                                                                  | Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap<br>PTZ: PTZ preset, start/stop guard tour<br>File upload via FTP, SFTP, HTTP, HTTPS network share and email<br>Notification via email, HTTP, HTTPS and TCP                 |
| Lens                              | 3.8–42.9 mm, F1.4–2.1<br>Horizontal field of view: 59.2°–5.2°<br>Vertical field of view: 33.3°–3.1°<br>Autofocus, Auto-iris                                                                                                                                                                                                                 | Data streaming                                                                                                                                                                                                                                                                                                                                                                                                                 | Event data                                                                                                                                                                                                                                                                                    |
| Day and night                     | Automatically removable infrared-cut filter                                                                                                                                                                                                                                                                                                 | Built-in installation aids                                                                                                                                                                                                                                                                                                                                                                                                     | Pixel counter                                                                                                                                                                                                                                                                                 |
| Minimum illumination              | Color: 0.7 lux at 30 IRE F1.4<br>B/W: 0.08 lux at 30 IRE F1.4                                                                                                                                                                                                                                                                               | General                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                               |
| Shutter time                      | 1/8000 s to 1/30 s at 60 Hz<br>1/8000 s to 1/25 s at 50 Hz                                                                                                                                                                                                                                                                                  | Casing                                                                                                                                                                                                                                                                                                                                                                                                                         | IP66-, NEMA 4X- and IK07-rated<br>Aluminum and plastic casing, polycarbonate (PC) dome, sunshield (PC/ASA)                                                                                                                                                                                    |
| Pan/Tilt/Zoom                     | Pan: 360° (with auto-flip), 1.8°–100°/s<br>Tilt: 180°, 1.8°–100°/s<br>12x optical zoom, 10x digital zoom, total 120x zoom<br>E-flip, Auto-flip, 100 preset positions, Limited guard tour, Control queue                                                                                                                                     | Memory                                                                                                                                                                                                                                                                                                                                                                                                                         | 512 MB RAM, 256 MB Flash                                                                                                                                                                                                                                                                      |
| Video                             |                                                                                                                                                                                                                                                                                                                                             | Power                                                                                                                                                                                                                                                                                                                                                                                                                          | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3<br>Camera consumption: typical: 6.9 W, max 12.95 W<br>(PoE midspan and power supply not included)                                                                                                                               |
| Video compression                 | H.264 (MPEG-4 Part 10/AVC) – Baseline, Main and High Profiles<br>Motion JPEG                                                                                                                                                                                                                                                                | Connectors                                                                                                                                                                                                                                                                                                                                                                                                                     | RJ45 10BASE-T/100BASE-TX PoE<br>IP66-rated RJ45 connector kit included                                                                                                                                                                                                                        |
| Resolutions                       | 1920x1080 to 320x180                                                                                                                                                                                                                                                                                                                        | Storage                                                                                                                                                                                                                                                                                                                                                                                                                        | Support for SD/SDHC/SDXC card (not included)<br>SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>                                                                       |
| Frame rate                        | Up to 30/25 fps in all resolutions                                                                                                                                                                                                                                                                                                          | Operating conditions                                                                                                                                                                                                                                                                                                                                                                                                           | –20 °C to 50 °C (–4 °F to 122 °F)<br>Humidity 10–100% RH (condensing)                                                                                                                                                                                                                         |
| Video streaming                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264                                                                                                                                                                        | Storage conditions                                                                                                                                                                                                                                                                                                                                                                                                             | –40 °C to 65 °C (–40 °F to 149 °F)                                                                                                                                                                                                                                                            |
| Image settings                    | Compression, Brightness, Sharpness, White balance, Exposure control, Backlight compensation, WDR – Dynamic Contrast, Fine tuning of behavior at low light, Rotation, Text and image overlay, Image freeze on PTZ                                                                                                                            | Approvals                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 55022 Class A, EN 61000-3-2, EN 61000-3-3,<br>EN 55024, EN 61000-6-1, FCC Part 15 Subpart B Class A,<br>ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A,<br>KCC KN22 Class A, KN24, IEC/EN/UL 60950-1, IEC 60068-2,<br>IEC 60721-4-3 Class 3K3, 3M3 +B38<br>IEC/EN/UL 60950-22 |
| Network                           |                                                                                                                                                                                                                                                                                                                                             | Weight                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.3 kg (2.9 lb)<br>Drop-ceiling mount (Plenum rated): 1.2 kg (2.6 lb)                                                                                                                                                                                                                         |
| 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                                                                                                                                       | Included accessories                                                                                                                                                                                                                                                                                                                                                                                                           | Sunshield, RJ45 Push-pull Connector (IP66)<br>Installation Guide, Windows decoder 1-user license                                                                                                                                                                                              |
| Supported protocols               | IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH                                                                                           | Optional accessories                                                                                                                                                                                                                                                                                                                                                                                                           | T91 Mounting Accessories, AXIS T94A03L Recessed Mount Kit                                                                                                                                                                                                                                     |
| System integration                |                                                                                                                                                                                                                                                                                                                                             | Video management software                                                                                                                                                                                                                                                                                                                                                                                                      | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/support/downloads">www.axis.com/support/downloads</a>                                                                                    |
| Application Programming Interface | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a><br>AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S and ONVIF Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a> | Languages                                                                                                                                                                                                                                                                                                                                                                                                                      | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese                                                                                                                                                                     |
| Analytics                         | Video motion detection 4, Advanced Gatekeeper<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>                                                                                                                               | Warranty                                                                                                                                                                                                                                                                                                                                                                                                                       | Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>                                                                                                                                                                  |
| Event triggers                    | Detectors: Live stream accessed, Video motion detection<br>Hardware: Fan, Network, Temperature<br>Input Signal: Digital Input Port, Manual trigger, Virtual inputs<br>PTZ: Error, Moving, Preset reached, Ready<br>Storage: Disruption, Recording<br>System: System ready                                                                   | <p>a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<a href="http://www.openssl.org">www.openssl.org</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</p> <p>Environmental responsibility:<br/><a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a></p> |                                                                                                                                                                                                                                                                                               |