

## AXIS P1353/-E and P1354/-E Network Cameras

Superb image quality for video surveillance in any environment.



- > Superb video quality including HDTV
- > Lightfinder technology
- > Multiple H.264 video streams
- > Digital PTZ
- > Edge storage
- > Outdoor-ready models

AXIS P1353/-E and AXIS P1354/-E are light sensitive indoor and outdoor-ready fixed cameras that deliver superb image quality with H.264 compression and are ideal for high-performance surveillance in any indoor or outdoor environment.

AXIS P1353/-E are SVGA cameras and AXIS P1354/-E provide HDTV 720p or 1 megapixel resolution at full frame rate. Models are available in both indoor and outdoor-ready versions.

The cameras provide wide dynamic range - dynamic contrast, and day and night functionality for superb image quality in daylight and dark conditions.

The cameras support Axis' Lightfinder technology, which makes them extremely sensitive to low light.

All AXIS P13 cameras deliver multiple H.264 and Motion JPEG video streams.

All models have a remote back focus function that enables the focus to be fine-tuned from a computer. All models also offer digital pan/tilt/zoom. The cameras are equipped with a serial port for communication with auxiliary equipment such as pan/tilt head in order to remotely change the camera direction.

AXIS P13 cameras support Power over Ethernet (PoE) for easy installation. The outdoor-ready models operate using PoE and High PoE in temperatures from -40 °C to 50 °C (-40 °F to 122 °F).



# High-performance indoor/outdoor cameras

AXIS P13 Series offers fixed network cameras suitable for a range of video surveillance applications, including government and industrial buildings, retail environments, airports, railway stations and schools.

## Easy installation with focus assistant, remote focus and pixel counter

Setting the focus on all AXIS P13 cameras is made easy with the focus assistant, which indicates with a flashing green LED when an image is in focus after manually adjusting the lens. Additionally, they offer remote back focus, which allows the focus to be fine-tuned from a computer. The pixel counter further helps the installer verify that the pixel resolution of an object fulfills regulatory or customer requirements, for example, for facial identification.

## Digital PTZ

All camera models support digital pan/tilt/zoom, which allows a selected area of interest to be cropped from the full view for viewing or recording, thereby minimizing the bit rate and storage needs.

## Lightfinder technology

AXIS P1353/-E and AXIS P1354/-E Network Cameras incorporate Axis'unique Lightfinder technology. The outstanding light sensitivity, with maintained colors even in very poor lighting conditions, is obtained by a combination of Axis' expertise in image processing, system-on-chip development and selection of the best optical components. For more on Lightfinder technology, go to: [www.axis.com/corporate/corp/tech\\_papers.htm](http://www.axis.com/corporate/corp/tech_papers.htm)

## AXIS Camera Application Platform

The cameras include support for AXIS Camera Application Platform , AXIS Video Hosting System and ONVIF for easy camera system integration and for application developers to provide the camera with intelligent capabilities.

## Outdoor-ready models

AXIS P13-E Network Cameras save installation time and costs since they are ready out of the box for mounting outdoors. The IP66-rated cameras have protection against dust, rain, snow and sunlight, and can operate in temperatures as low as -40 °C (-40 °F). The cameras are powered by Power over Ethernet,



which makes installation easy since there is no need for a separate power cable. An integrated dehumidifying membrane eliminates any humidity caught in the camera enclosure during installation. The cameras enable easy mounting of an infrared illuminator under the enclosure. They come with a wall mount bracket, sunshield and cable glands.

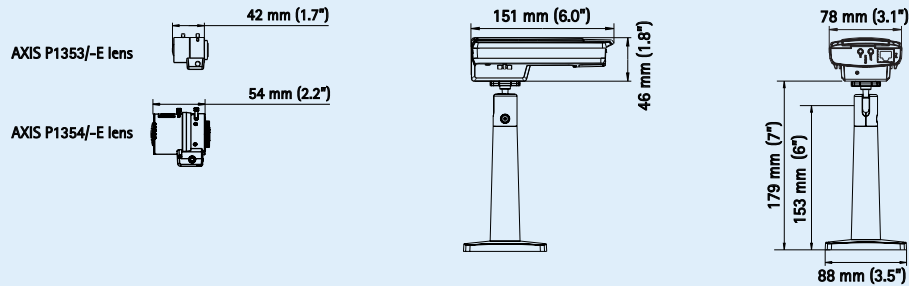
# Technical Specifications – AXIS P13 Network Camera Series

| Camera                               |  |
|--------------------------------------|--|
| <b>Indoor models</b>                 | AXIS P1353: SVGA, Lightfinder<br>AXIS P1354: 1 MP/720p HDTV, Lightfinder   |
| <b>Outdoor models</b>                | AXIS P1353-E: SVGA, Lightfinder<br>AXIS P1354-E: 1 MP/720p HDTV, Lightfinder   |
| <b>Image sensor</b>                  | AXIS P1353/-E, P1354/-E: Progressive scan RGB CMOS 1/3"  |
| <b>Lens</b>                          | AXIS P1353/-E, P1354/-E: DC-iris, IR corrected, CS-mount<br>AXIS P1353: Varifocal 3 – 8 mm: 82° – 34° view, F1.0<br>AXIS P1354: Varifocal 2.8 – 8 mm: 100° – 34° view, F1.2<br>AXIS P1353-E: Varifocal 3 – 8 mm: 80° – 34° view, F1.0<br>AXIS P1354-E: Varifocal 2.8 – 8 mm: 80° – 34° view, F1.2<br>Note: All angles above are horizontal angle of view |
| <b>Day and night</b>                 | Automatically removable infrared-cut filter  |
| <b>Minimum illumination</b>          | AXIS P1353/-E: Color: 0.1 lux, F1.0, B/W: 0.02 lux, F1.0<br>AXIS P1354/-E: Color: 0.1 lux, F1.2, B/W: 0.02 lux, F1.2   |
| <b>Shutter time</b>                  | Power line frequency 50 Hz: 1/24500 s to 2 s<br>Power line frequency 60 Hz: 1/29500 s to 2 s   |
| Video                                |  |
| <b>Video compression</b>             | H.264 (MPEG-4 Part 10/AVC)<br>H.264 Baseline and Main Profile<br>Motion JPEG   |
| <b>Resolutions</b>                   | AXIS P1353/-E: 800x600 (SVGA) to 160x90<br>AXIS P1354/-E: 1280x960* (approx. 1.3 MP) to 160x90<br><i>*1400x1050 (1.4 MP) scaled resolution available via VAPIX®</i>  |
| <b>Frame rate H.264/ Motion JPEG</b> | 30 fps in 60 Hz power line frequency, 25 fps in 50 Hz power line frequency   |
| <b>Video streaming</b>               | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Controllable frame rate and bandwidth<br>VBR/CBR H.264   |
| <b>Image settings</b>                | Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, dynamic contrast<br>Text and image overlay, privacy mask, mirroring of images<br>AXIS P1353/P1354: Rotation: 0°, 90°, 180°, 270° including Corridor Format                           |
| Audio                                |  |
| <b>Audio streaming</b>               | Two-way, full duplex   |
| <b>Audio compression</b>             | AAC LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz<br>Configurable bit rate   |
| <b>Audio input/output</b>            | External microphone input or line input, line output.<br>AXIS P1353/P1354: Built-in microphone (can be disabled)   |
| Network                              |  |
| <b>Security</b>                      | Password protection, IP address filtering, HTTPS encryption**, IEEE 802.1X network access control**, digest authentication, user access log  |
| <b>Supported protocols</b>           | IPv4/v6, HTTP, HTTPS**, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS   |

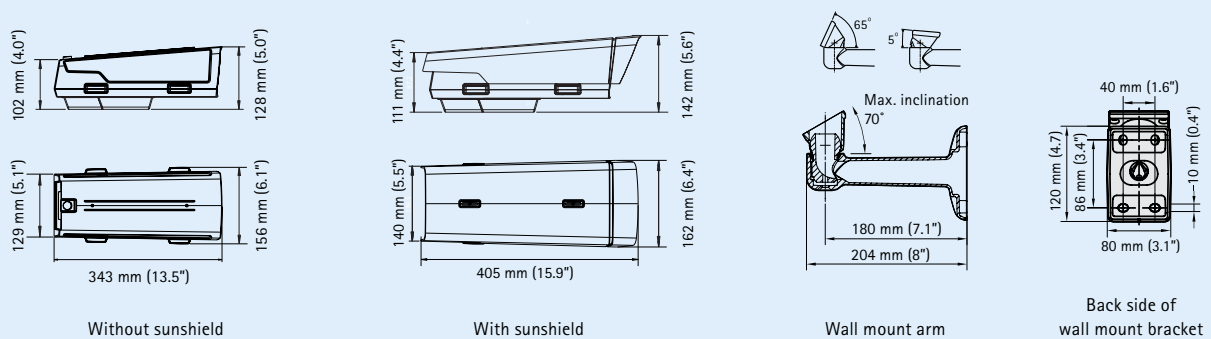
| System integration                       |  |
|--|--|
| <b>Application Programming Interface</b> | Open API for software integration, including the ONVIF specification available at <a href="http://www.onvif.org">www.onvif.org</a> , as well as VAPIX® and AXIS Camera Application Platform from Axis Communications, specifications available at <a href="http://www.axis.com">www.axis.com</a><br>Support for AXIS Video Hosting System (AVHS) with One-Click Camera connection<br>Support for AXIS Camera Companion |
| <b>Intelligent video</b>                 | Video motion detection, active tampering alarm, audio detection<br>Support for AXIS Camera Application Platform enabling installation of additional applications   |
| <b>Event triggers</b>                    | Intelligent video, external input, audio level, time scheduled, edge storage events  |
| <b>Event actions</b>                     | File upload: FTP, HTTP, network share and email; notification: email, HTTP and TCP; external output activation; pre- and post-alarm video buffering; video and audio recording to edge storage; PTZ preset; guard tour; play audio clip; day/night switching; status LED activation  |
| <b>Data Streaming</b>                    | Event data   |
| <b>Installation aids</b>                 | Focus assistant, remote back focus, pixel counter  |
| General                                  |  |
| <b>Casing</b>                            | AXIS P1353/P1354: Metal (zinc)<br>AXIS P1353-E/P1354-E: IP66- and NEMA 4X-rated, IK10 impact-resistant aluminum enclosure. Color: white NCS S 1002-B   |
| <b>Memory</b>                            | 256 MB RAM, 128 MB Flash<br>Battery backed-up real-time clock  |
| <b>Power</b>                             | AXIS P1353/P1354: 8–28 V DC or Power over Ethernet (PoE) IEEE 802.3af, max. 7.2 W, PoE Class 3<br>AXIS P1353-E/P1354-E: PoE IEEE 802.3af max. 12.95 W or High PoE max 25.5 W<br>See optional accessories   |
| <b>Connectors</b>                        | RJ-45 10BASE-T/100BASE-TX PoE<br>IO (limited): 4-pin 2.5 mm terminal block, for 1 alarm input and 1 output<br>RS-485/422, 2 pcs, 2 pos, full duplex, terminal block<br>DC input, terminal block<br>3.5 mm mic/line in, 3.5 mm line out<br>DC-iris connector  |
| <b>Edge storage</b>                      | MicroSD/microSDHC/microSDXC slot supporting memory card up to 64 GB (card not included). Support for recording to network share (network-attached storage or file server).   |
| <b>Operating conditions</b>              | AXIS P1353/P1354: 0 °C to 50 °C (32 °F to 122 °F), humidity 10 – 85% RH (non-condensing)<br>AXIS P1353-E/P1354-E: -30 °C to 50 °C (-22 °F to 122 °F) with PoE; down to -40 °C (-40 °F) with High PoE, humidity 10 – 100% RH (condensing)   |
| <b>Approvals</b>                         | EN 55022 Class B, EN 55024, EN/IEC/UL 60950-1, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, KN22 Class B, KN24<br>AXIS P1353-E/P1354-E: EN 50121-4/IEC 62236, IEC 60529 IP66, NEMA 250 Type 4X, IEC 62262, IK10, IEC60950-22, UL60950-22, IEC 60068-2-6, IEC 60068-2-27  |
| <b>Weight</b>                            | AXIS P1353/P1354: 0.6 kg (1.3 lb.)<br>AXIS P1353-E/P1354-E: 3.1 kg (6.8 lb.)   |
| <b>Included accessories</b>              | AXIS P1353/P1354: Stand, connector kit, Installation Guide, Windows decoder 1-user license, Installation and Management Software CD<br>AXIS P1353-E/P1354-E: Wall mount bracket, sunshield   |

# Technical Specifications – AXIS P13 Network Camera Series

## Dimensions: AXIS P13 Network Cameras



## Dimensions: AXIS P13-E Network Cameras and wall mount bracket with internal cable channel



## Optional accessories

AXIS PoE Midspan 1-port



AXIS T8123 High PoE 30 W Midspan 1-port



AXIS T90A Illuminators



Lenses



AXIS T8414 Installation Display



For information on AXIS Camera Station and video management software from Axis' Application Development Partners, see [www.axis.com/products/video/software/](http://www.axis.com/products/video/software/)

## Optional mounting accessories for outdoor models

Wall bracket accessories

Adapter plate



Pole mount



Corner mount



Ceiling brackets with ball joint



Column mount with ball joint

