AXIS 212 PTZ/212 PTZ-V Network Cameras

Full overview and instant zoom - without moving parts.

AXIS 212 PTZ/212 PTZ-V are no ordinary PTZ cameras. They are the only PTZ network cameras that provide full overview, and instant, one-click pan/tilt/zoom - with maintained sharp image resolution. And it's all done without moving parts, so there's no wear and tear. In short, it's a whole new definition of PTZ.

A full 140° field of view provides video of the entire monitored area. Conventional PTZ cameras can view only one part of the whole video scene at a time.

Zooming in from full overview to close-up is instant, in one-step clicks. There's no delayed reaction. Pan and tilt functions work in the same way.

Many cameras cannot deliver an overview with sharp resolution, nor maintain resolution when zooming. AXIS 212 PTZ network cameras, with their 3x zoom, maintain sharp images at all times.

AXIS 212 PTZ network cameras are unique in using a wide-angle lens and a 3 megapixel sensor to achieve PTZ functionality. No moving parts are needed, which means no wear and tear.

AXIS 212 PTZ-V has a vandal-resistant casing that provides effective protection against tampering as no part can be forcibly moved.

AXIS 212 PTZ/212 PTZ-V are easy to install with built-in Power over Ethernet and an angled wall mount.
Technical specifications – AXIS 212PTZ/212PTZ-V Network Cameras

Camera Models
AXIS 212 PTZ: Tamper-resistant casing
AXIS 212 PTZ-V: Vandal-resistant casing

Image sensor
1/2” progressive scan CMOS 3.1 Megapixel

Lens
F1.8, fixed iris, focal length: 2.7 mm
Angle of view, horizontal: 44° – 140°
vertical: 35° – 105°

Minimum illumination
10 lux wide mode, 20 lux tele mode

Shutter time
1/10000 s to 1/5 s

Pan/Tilt/Zoom
3x zoom, 0.1 s from wide to tele
20 preset positions
± 70° pan
± 52° tilt
Max speed 400°/s
Guard Tour
Designed for continuous movement

Video Video compression
MPEG-4 Part 2 (ISO/IEC 14496-2)
Motion JPEG

Resolutions
160x90 to 640x480

Frame rate
MPEG-4: Up to 30 fps in VGA at max. zoom
Motion JPEG: Up to 30 fps in VGA at max. zoom

Video streaming
Simultaneous MPEG-4 and Motion JPEG

Image settings
Compression, color, brightness, sharpness, white balance,
exposure control, fine tuning of behavior at low light
Text and image overlay

Audio Audio streaming
Two-way, half-duplex

Audio compression
AAC LC 8 kHz 32 kbit/s
G.711 PCM 64 kbit/s
G.726 ADPCM 32 or 24 kbit/s

Audio input/output
Built-in microphone, external microphone input or line input,
line level output

Network Security
Password protection, IP address filtering, HTTPS encryption,
IEEE 802.1X network access control

Supported protocols
IPv4/v6, HTTP, HTTPS, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour,
UpnP, SNMPv1/v2c/v3, DNS, DynDNS, NTP, RTSP, RTP,
TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, Socks

System integration Application integration
Open API for software integration, including VAPIX®
from Axis Communications available at www.axis.com

Intelligent video
Video motion detection, audio detection

Alarm triggers
Intelligent video and external input

Alarm events
File upload via FTP, HTTP and email
Notification via email, HTTP and TCP
External output activation

Video buffer
9 MB pre- and post alarm

General Casing
AXIS 212 PTZ-V: 1000 kg (2200 lb) impact-resistant casing

Processors and memory
ARTPEC-A, 32MB RAM, 8MB Flash

Power
4.9 – 5.1 V DC max 3.6 W
Power over Ethernet IEEE 802.3af Class 1

Connectors
RJ-45 Ethernet 10BaseT/100BaseTX PoE, DC jack
Terminal block for 1 alarm input and 1 output
3.5 mm mic/line in, 3.5 mm line out

Operating conditions
5 – 40 °C (41 – 104 °F)
Humidity 20 – 80% RH (non-condensing)

Approvals
EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3,
FCC Part 15 Subpart B Class B, C-tick AS/NZS CISPR 22, EN 60950
Power supply: UL, CSA

Weight
AXIS 212 PTZ: 504 g (1.1 lb.)
AXIS 212 PTZ-V: 660 g (1.5 lb.)

Included accessories
Power supply, mounting and connector kits, angled wall mount,
Installation Guide, CD with installation tools, recording software
and User’s Manual, Windows decoder 1-user license

More information is available at www.axis.com

Optional accessories
AXIS 295
Video Surveillance Joystick

Vertical tilt adaptor

For information on AXIS Camera Station and
video management software from
Axis’ Application Development Partners, see