VIDEO ENCODER

Video Compression
H.264 (MPEG-4 Part 10/AVC)
Motion JPEG

Resolutions
176x120 to 720x576

Frame Rate: H.264
30/25 (NTSC/PAL) fps in all resolutions

Frame Rate: Motion JPEG
30/25 (NTSC/PAL) fps in all resolutions

Video Streaming
Multi-stream H.264 and Motion JPEG: 3 simultaneous, individually configured streams in max. resolution at 30/25 fps; more streams if identical or limited in frame rate/resolution
Controllable frame rate and bandwidth
VBR/CBR H.264

Image Settings
Compression, color, brightness, contrast
Rotation: 90°, 180°, 270°
Aspect ratio correction
Mirroring of images
Text and image overlay
Privacy mask
Enhanced deinterlace filter

Pan/Tilt/Zoom
Wide range of analog PTZ cameras supported (drivers available for download at www.axis.com)
100 presets, guard tour, PTZ control queue
Supports Windows compatible joysticks

NETWORK

Security
Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, digest authentication, user access log

Supported Protocols
IPv4/v6, HTTP, HTTPS, QoS layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, TP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

SYSTEM INTEGRATION

Application Programming Interface
Open API for software integration, including VAPIX® from AXIS Communications available at www.axis.com
AXIS Camera Application Platform from Axis Communications; specifications available at www.axis.com
Includes the ONVIF specification available at www.onvif.org
Support for AXIS Video Hosting System (AVHS) with One-Click Camera Connection

Intelligent Video
Video motion detection, active tampering alarm, audio detection
Support for AXIS Camera Application Platform enabling installation of additional applications

Alarm Triggers
Intelligent video, external inputs, video loss, disk full

Alarm Events
File upload via FTP, HTTP and email
Notification via email, HTTP and TCP
External output activiation
PTZ presets
Local storage

Video Buffer
64 MB pre- and post-alarm

GENERAL

Approvals
EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, 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 CISPR22, EN 60950-1