AXIS 243SA
Video Server

*Full featured, digital benefits for analog
video surveillance systems*

AXIS 243SA   MPEG-4   Motion-JPEG
            Full Frame Rate
                .   de-interlace
                                4CIF   MPEG-4
Motion-JPEG   30 fps   .

                    IP
    AXIS 243SA   ,   ,
                        ,MPEG-4   Motion-JPEG
                                        .

AXIS 243SA

                .

                        PTZ   ,
                QoS (Quality of Service)

                                IEEE 802.1X
                HTTP
                        .

                AXIS Camera Management   AXiS Installation
Monitor Tool
                IPv6   IPv4
                                    .

AXIS 243SA   ,   ,   CCT
                Full Frame   IP
                        .

■ MPEG-4/Motion-JPEG   ,   Full Frame Rate

■   de-interlace

■ MPEG-4, Motion-JPEG

■   Pre/Post

■ PTZ,

■

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Specifications

Models	AXIS 243SA	Power	7-20V DC, max 8W
Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2), Profiles: ASP and SP Motion JPEG	Operating conditions	5-50 °C (41-122 °F) Humidity 20-80% RH (non-condensing)
Resolutions	4CIF, 2CIFExp, 2CIF, CIF, QCIF Max: 704x480 (NTSC)/704x576 (PAL) Min: 160x120 (NTSC)/176x144 (PAL)	Installation, management and maintenance	AXIS Camera Management tool on CD and web-based configuration Configuration of backup and restore Firmware upgrades over HTTP or FTP, firmware available at www.axis.com
Frame rate (NTSC/PAL)	Motion JPEG: Up to 30/25 fps in all resolutions MPEG-4: Up to 30/25 fps in all resolutions		
Video streaming	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth Constant and variable bit rate (MPEG-4)	Video access from Web browser	Camera live view for up to 20 clients, video recording to file (ASF), sequence tour for up to 20 PTZ presets or external Axis video sources, customizable HTML pages
Image settings	Compression levels: 11 (Motion JPEG)/23 (MPEG-4) Rotation: 90°, 180°, 270° Aspect ratio correction Color: color, black & white Overlay capabilities: time, date, text, image or privacy mask De-interlace filter	Minimum Web browsing requirements	Pentium III CPU 500 MHz or higher, or equivalent AMD 128 MB RAM AGP graphics card 32 MB RAM, Direct Draw Windows XP, 2000, DirectX 9.0 or later Internet Explorer 6.x or later For other operating systems and browsers see www.axis.com/techsup
Audio	G.711 PCM 64kbit/s, G.726 ADPCM 32 or 24 kbit/s, full-duplex, half-duplex, simplex or audio off		
Security	Multiple user access levels with password protection, IP address filtering, HTTPS encryption, IEEE 802.1X authentication	System integration support	Open API for application integration, including AXIS VAPIX API*, AXIS Media Control SDK*, event trigger data in video stream, embedded scripting Quality of Service (QoS) Layer 3, DiffServ Model Watchdog ensures continuous operation, event notifications can be monitored by other systems Embedded Linux operating system * Available at www.axis.com
Alarm and event management	Events triggered by video motion detection, external inputs, audio detection, PTZ presets, product restart, video loss, or according to a schedule, Image upload over FTP, email, HTTP Notification over TCP, email, HTTP, external outputs Pre- and post alarm buffer of 9 MB (approx. 4 min of CIF resolution video at 4 frames per second)		
Pan/Tilt/Zoom	Wide range of analog PTZ cameras supported* 20 presets/camera, Guard tour, PTZ control queue Supports Windows compatible joysticks *Drivers available for download at www.axis.com	Supported protocols	IPv4/v6, HTTP, HTTPS, SSL/TLS*, TCP, QoS, SNMPv1/v2c/ v3 (MIB-II), RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, ICMP DHCP, UPnP, Bonjour, ARP, DNS, DynDNS, SOCKS, IEEE802.1X. More information on protocol usage available at www.axis.com *This product includes software developed by the Open SSL Project for use in the Open SSL Tool kit (www.openssl.org)
Connectors	Analog composite video, PAL/NTSC auto-sensing input 1 BNC input, 1 BNC output (loopthrough) or Y/C video input Ethernet 10BaseT/100BaseTX, RJ-45 Terminal block: 4 alarm inputs 4 outputs RS-485/422 half duplex port Alternative power connection D-sub for RS-232 port 3.5 mm jack for Mic in (max 54 mVpp) or Line in (max 8 Vpp, mono) 3.5 mm jack for Line out (max 2.6 Vpp, mono) to active speaker		
		Included accessories	Power supply 9 V DC, mounting brackets, connector kit, Installation Guide, CD with installation and management tools, software and User's Manual, MPEG-4 licenses (1 encoder, 1 decoder), MPEG-4 decoder (Windows)
		Applications (not included)	AXIS Camera Station - Surveillance application for viewing, recording and archiving up to 25 cameras See ww.axis.com/partner/adp_partners.htm for further software applications via partners
Casing	Metal casing. Standalone, stackable or with brackets for wall- or cage mount	Accessories (not included)	AXIS 295 Video Surveillance Joystick MPEG-4 Decoder multi-user license pack Cable adapter Y/C to BNC
Processors and memory	CPU: ETRAX 100LX 32bit Video processing and compression: ARTPEC-2 RAM: 32 MB Flash: 8 MB Battery backed up by real-time clock	Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, EN 60950 Power supply: EN 60950, UL, cUL
		Dimensions (HxWxD) and weight	42 x 140 x 155 mm (1.7" x 5.5" x 6.1") 540 g (1.2 lbs) excl. power supply

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