AXIS Companion Cube LW
Indoor full HD IR network camera

AXIS Companion Cube LW features high quality video in HDTV 1080p/2 MP resolution and WDR. It comes with IR illumination, day/night functionality, PIR motion sensor, microphone and mini-speaker. The camera connects over wireless LAN (IEEE 802.11a/b/g/n) or wired Ethernet. It supports WPS with push button configuration. AXIS Companion Cube LW is optimized for edge storage and with AXIS Companion Card 64 GB included it is a self-contained recording solution. Axis' Zipstream technology allows even high quality video to be recorded effectively. AXIS Companion Cube LW is supported only by AXIS Companion video management software and mobile app.

> Wireless communication with support for a/b/g/n
> HDTV 1080p video quality and 2 MP resolution
> Built-in IR illumination and WDR to handle different light conditions
> Built-in microphone, mini-speaker and PIR motion sensor
> Supports microSD card and Axis' Zipstream technology

AXIS Companion Cube LW

Camera

Image sensor	1/3" progressive scan RGB CMOS
Lens	Fixed focal length, 2.8 mm, F2.0 Horizontal field of view: 110° Vertical field of view: 61° M12 mount, fixed iris, IR corrected
Day and night	Automatically removable IR cut filter
Minimum illumination	Color: 0.25 lux at 50 IRE F2.0 B/W: 0.05 lux at 50 IRE F2.0, 0 lux with IR illumination on
Shutter time	1/28000 s to 1/5 s with 50 Hz 1/32500 s to 1/5 s with 60 Hz

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG
Resolution	1920x1080 HDTV 1080p to 320x240
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, day/night shift level, rotation: 0°, 180°, mirroring of images, WDR

Audio

Audio streaming	Two-way, half duplex
Audio compression	AAC-LC 8/16 kHz
Audio input/output	Built-in microphone (can be disabled), Built-in speaker 82 dB-SPL (at 0.5 m / 20 in)

Network

Wireless interface	Internal antenna IEEE 802.11a/b/g/n @ 2.4 GHz, @ 5 GHz (channels 36, 40, 44, 48)
Security	Password protection, network access control, Digest authentication, Axis Secure Remote Access, SD card encryption WPA/WPA2-PSK, WPA, WPA2 Enterprise, WLAN pairing button (WPS) PBC-compatible, Brute force delay protection, Signed firmware
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[a], SSL/TLS[a], CIFS/SMB, Bonjour, UPnP[TM], NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

System integration

Analytics	AXIS Video Motion Detection
Event triggers	Analytics,edge storage events Built-in PIR
Event actions	Video and audio recording to edge storage Pre- and post-alarm video buffering
Built-in installation aids	Pixel counter

General

Casing	Polycarbonate, aluminum, recycled plastic Color: White NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Sustainability	PVC-free, 64% recycled plastic
Mounting	¼"-20 UNC tripod screw thread
Memory	512 MB RAM, 256 MB Flash
Power	4.75–5.25 V DC, typical 2.7 W, max 5.0 W
IR illumination	IR illumination, LED with adjustable intensity. Range up to 10 m (32 ft)
Connectors	Micro USB type B for power only RJ45 10BASE-T/100BASE-TX
Storage	Support for microSD/microSDHC/microSDXC card For memory card recommendations see *axiscompanion.com*
PIR sensor	Passive infrared (PIR) motion sensor. Max range: 6 m (19.7 ft)
Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
Approvals	EMC EN 55032 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, RCM AS/NZS CISPR 32 Class B Wireless EN 300328, EN 301489-1, EN 301489-17, EN 301893, FCC Part 15 Subpart C, FCC Part 15 Subpart E, RSS-247, TELEC Safety IEC/EN/UL 60950-1, IEC/EN 62471 Network NIST SP500-267
Dimensions	106 mm x 60 mm x 37 mm (4.17 x 2.36 x 1.46 in)
Weight	128 g (0.28 lb)
Included accessories	Power supply, Installation Guide, Mount bracket, Table top stand, Windows® decoder 1-user license, AXIS Surveillance microSDXC™ Card 64 GB
Optional accessories	T91A10 Mounting Kit
Video management software	AXIS Companion available on *axiscompanion.com/vms*, AXIS Guardian
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty, see *axiscompanion.com*

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

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