

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**



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Camera		General	
Image sensor	1/3" progressive scan RGB CMOS	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.
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	Sustainability	PVC free, 64% recycled plastic
Day and night	Automatically removable IR cut filter	Memory	512 MB RAM, 256 MB Flash
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	Power	4.75–5.25 V DC, typical 2.7 W, max 5.0 W
Shutter time	1/28000 s to 1/5 s with 50 Hz 1/32500 s to 1/5 s with 60 Hz	IR illumination	IR illumination, LED with adjustable intensity. Range up to 10 m (32 ft)
Video		Connectors	Micro USB type B for power only RJ45 10BASE-T/100BASE-TX
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG	Storage	Support for microSD/microSDHC/microSDXC card For memory card recommendations see www.axiscompanion.com
Resolution	1920x1080 HDTV 1080p to 320x240	PIR sensor	Passive infrared (PIR) motion sensor. Max range: 6 m (19.7 ft)
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions	Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
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	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, day/night shift level, rotation: 0°, 180°, mirroring of images, WDR	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
Audio		Dimensions	106 mm x 60 mm x 37 mm (4.17 x 2.36 x 1.46 in)
Audio streaming	Two-way, half duplex	Weight	128 g (0.28 lb)
Audio compression	AAC-LC 8/16 kHz	Included accessories	Power supply, Installation Guide, Mount bracket, Table top stand, Windows® decoder 1-user license, AXIS Surveillance microSDXC™ Card 64 GB
Audio input/output	Built-in microphone (can be disabled), Built-in speaker 82 dB-SPL (at 0.5 m / 20 in)	Optional accessories	T91A10 Mounting Kit
Network		Video management software	AXIS Companion available on www.axiscompanion.com/vms , AXIS Video Hosting System (AVHS)
Wireless interface	Internal antenna IEEE 802.11a/b/g/n @ 2.4 GHz, @ 5 GHz (channels 36, 40, 44, 48)	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Portuguese, Traditional Chinese
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	Warranty	Axis 3-year warranty, see www.axiscompanion.com
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , CIFS/SMB, Bonjour, UPnP™, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS	Environmental responsibility: www.axis.com/environmental-responsibility	
System integration		a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (ey@cryptsoft.com).</i>	
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		