

# 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	
<b>Image sensor</b>	1/3" progressive scan RGB CMOS	<b>Casing</b>	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.
<b>Lens</b>	Fixed focal length, 2.8 mm, F2.0 Horizontal field of view: 110° Vertical field of view: 61° M12 mount, fixed iris, IR corrected	<b>Sustainability</b>	PVC free, 64% recycled plastic
<b>Day and night</b>	Automatically removable IR cut filter	<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Minimum illumination</b>	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	<b>Power</b>	4.75–5.25 V DC, typical 2.7 W, max 5.0 W
<b>Shutter time</b>	1/28000 s to 1/5 s with 50 Hz 1/32500 s to 1/5 s with 60 Hz	<b>IR illumination</b>	IR illumination, LED with adjustable intensity. Range up to 10 m (32 ft)
Video		<b>Connectors</b>	Micro USB type B for power only RJ45 10BASE-T/100BASE-TX
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG	<b>Storage</b>	Support for microSD/microSDHC/microSDXC card For memory card recommendations see <a href="http://www.axiscompanion.com">www.axiscompanion.com</a>
<b>Resolution</b>	1920x1080 HDTV 1080p to 320x240	<b>PIR sensor</b>	Passive infrared (PIR) motion sensor. Max range: 6 m (19.7 ft)
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions	<b>Operating conditions</b>	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
<b>Video streaming</b>	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	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Image settings</b>	Compression, color, brightness, sharpness, contrast, white balance, exposure control, day/night shift level, rotation: 0°, 180°, mirroring of images, WDR	<b>Approvals</b>	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
Audio		<b>Dimensions</b>	106 mm x 60 mm x 37 mm (4.17 x 2.36 x 1.46 in)
<b>Audio streaming</b>	Two-way, half duplex	<b>Weight</b>	128 g (0.28 lb)
<b>Audio compression</b>	AAC-LC 8/16 kHz	<b>Included accessories</b>	Power supply, Installation Guide, Mount bracket, Table top stand, Windows® decoder 1-user license, AXIS Surveillance microSDXC™ Card 64 GB
<b>Audio input/output</b>	Built-in microphone (can be disabled), Built-in speaker 82 dB-SPL (at 0.5 m / 20 in)	<b>Optional accessories</b>	T91A10 Mounting Kit
Network		<b>Video management software</b>	AXIS Companion available on <a href="http://www.axiscompanion.com/vms">www.axiscompanion.com/vms</a> , AXIS Video Hosting System (AVHS)
<b>Wireless interface</b>	Internal antenna IEEE 802.11a/b/g/n @ 2.4 GHz, @ 5 GHz (channels 36, 40, 44, 48)	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Portuguese, Traditional Chinese
<b>Security</b>	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	<b>Warranty</b>	Axis 3-year warranty, see <a href="http://www.axiscompanion.com">www.axiscompanion.com</a>
<b>Supported protocols</b>	IPv4, IPv6, USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , CIFS/SMB, Bonjour, UPnP™, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS	a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<a href="http://www.openssl.org/">http://www.openssl.org/</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i>	
System integration		<b>Environmental responsibility:</b> <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>	
<b>Analytics</b>	AXIS Video Motion Detection		
<b>Event triggers</b>	Analytics, edge storage events Built-in PIR		
<b>Event actions</b>	Video and audio recording to edge storage Pre- and post-alarm video buffering		
<b>Built-in installation aids</b>	Pixel counter		