HARDWARE & STREAMING PACKAGE

DESIGN • BUILD • INSTALL • STREAM

NEW • AXIS Q6088-E INSIDE

4K ULTRA HD COASTAL CLEAN LENS PACKAGE

4K PTZ CAMERA + PATENTED SELF-CLEANING X|CLEAR ENCLOSURE + 1 YEAR OF HDONTAP ADAPTIVE STREAMING

ANY SCREEN. ANY DEVICE. STREAMING SERVICES REDEFINED.



HARDWARE ARRIVES TESTED AND READY FOR INSTALLATION

Your hardware package is **pre-built, pre-configured & tested** prior to shipping! Rest easy knowing that your HDOnTap coordinator has done the legwork, and your equipment is ready for an **easy installation**. HDOnTap representatives are available for assistance during your installation and setup, ensuring a **quick and easy process**.

RELY ON OUR SUPPORT AND EXPERTISE

HDOnTap Support is just a click or call away during your installation and beyond. In addition to **live support**, our **online knowledge base** is available whenever you are. Ensure you are capitalizing on your investment with our **post-integration live stream review** and get helpful marketing tips to realize the full potential of your live cam.

MARKETING TOOLS THAT INCREASE YOUR VISIBILITY

Stream your live cam with HDOnTap and enjoy **additional savings**! In addition to standard streaming features such as **watermark overlay** and **video ad inserts**, HDOnTap's proprietary streaming service includes **real-time snapshots**, **anti-stream hijacking security**, **automated time-lapse creation** and much more!



ENGAGE YOUR AUDIENCE WITH CRYSTAL-CLEAR LIVE STREAMS

The Coastal Clean Lens Package is the perfect solution for seaside hotels, marinas, beaches... anywhere with damp or salty air. Combat grime and salt build-up with our patented self-cleaning camera enclosure while you focus on the most compelling angle for your viewers.

GET STARTED TODAY: (858) 481-4096 • HDONTAP.COM

PACKAGE INCLUDES:

4K ULTRA HD PTZ CAMERA

- Axis Q6088-E 4K Ultra HD PTZ Camera
- 34x Optical Zoom with Laser Focus
- 4K at up to 60 fps, 1/2″ Sensor
- Axis Superior IP Camera Technology
- Day/Night Mode - Manual or Auto

X|CLEAR CAMERA ENCLOSURE

- Patented Self-Cleaning Dome
- Polycarbonate Construction - No Rust or Corrosion
- 40x Plus Optically Pure Dome Lens
- Easy Mounting System w/ Precision Leveling and Adjustment

1 YEAR ADAPTIVE STREAMING PLAN

- 1 Webcam
- 10,000 Viewer Hours Per Month
- Adaptive Bitrate Streaming
- Unlimited Concurrent Viewers
- Automated Time-Lapse

HARDWARE:	$7,293 MSRP
STREAMING:	$3,588 MSRP
PACKAGE PRICE:	**$8,699**
SAVINGS OF 20%:	$2,182

IP Video Specialists, Inc. dba HDOnTap | 2120 Jimmy Durante Blvd #123, Del Mar CA 92014 | hdontap.com | sales@hdontap.com | 858.481.4096

THE CAMERA

AXIS Q6088-E 4K PTZ

3840 × 2160 px • 4K Ultra HD



The Axis Q6088-E brings true 4K detail to your live cam. A light-sensitive 1/2″ sensor, **34x optical zoom** and **laser focus** let viewers sweep the whole coastline, then zoom in on a breaking wave or a passing boat with sharp focus every time. Lightfinder 2.0 and Forensic WDR keep colors true from midday glare to dusk, and it comes with a 5-year Axis warranty.

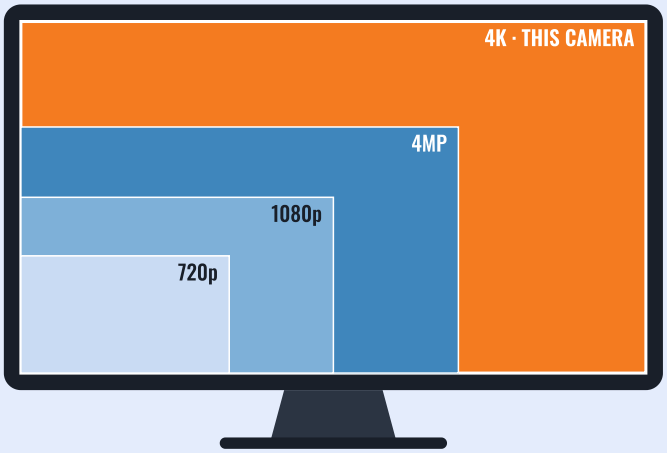
KEY CAMERA SPECS

RESOLUTION	3840 × 2160 (4K)
SENSOR	1/2″ progressive scan CMOS
FIELD OF VIEW	Horizontal 60.8° (wide) to 2.0° (tele)
WDR	Forensic WDR, up to 120 dB; Lightfinder 2.0
PRESETS & TOURS	300 presets; guard tour (max 100); tour recording (max 10, up to 16 min each)
OPERATING TEMP.	-50 to 55°C (-58 to 131°F) at full power with 60 W midspan
FRAME RATE	Up to 50/60 fps (50/60 Hz) in all resolutions
LENS	Varifocal 6.64–225.5 mm; 34x optical zoom (12x digital), laser focus
MIN. ILLUMINATION	Color 0.3 lux, B/W 0.01 lux (50 IRE, F1.7)
PAN / TILT	360° endless pan, 0 to -90° tilt, up to 500°/s
COMPRESSION	H.264, H.265, AV1 with Axis Zipstream

Camera specifications and product image: AXIS Q6088-E product page and datasheet, Axis Communications (axis.com). Subject to change by the manufacturer.

RESOLUTION

WHY 4K RESOLUTION MATTERS



4K UHD	3,840 × 2,160 · 8.29 MP
4MP	2,688 × 1,512 · 4.06 MP
1080p Full HD	1,920 × 1,080 · 2.07 MP
720p HD	1,280 × 720 · 0.92 MP

Resolution is how many pixels the camera captures in every frame. More pixels put more detail on every wave, boat and surfer, so the picture stays sharp when viewers watch on a big TV or zoom in on the player.

The Q6088-E's 4K image has four times the pixels of 1080p (8.29 MP vs 2.07 MP). More pixels also mean more data to stream, which is why this package includes **Adaptive Bitrate Streaming** (next page): viewers with fast connections get full 4K, and everyone else gets a smooth stream sized to their connection.

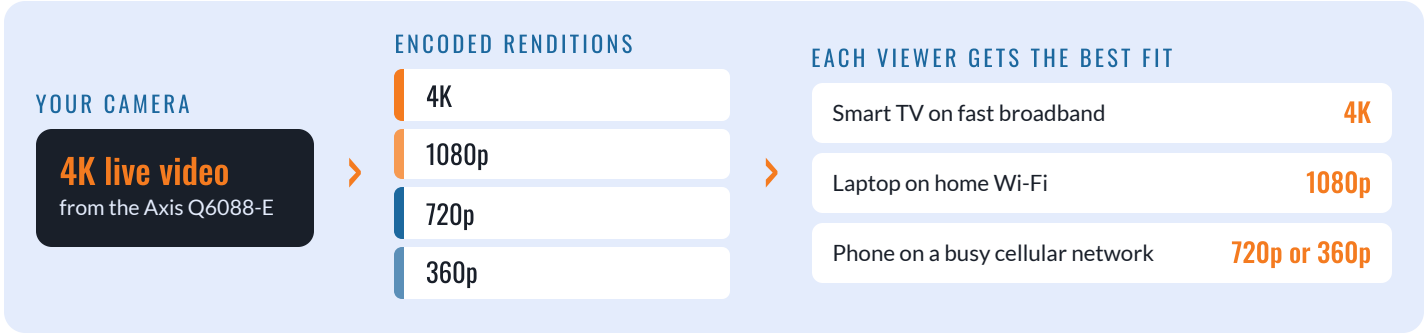
ADAPTIVE BITRATE STREAMING

WHY 4K NEEDS ADAPTIVE STREAMING

A 4K camera captures stunning detail, but a full-bitrate 4K stream is a lot of data. Sent as-is, it would buffer or fail for many viewers on phones, cellular networks or slower Wi-Fi. **Adaptive Bitrate Streaming (ABR)** solves that: everyone gets a smooth picture, and viewers with strong connections get the full 4K experience.

HOW IT WORKS

ABR encodes your camera's live video into several versions, called renditions, at different resolutions and quality levels. The player checks each viewer's bandwidth and device, plays the best rendition it can keep smooth, and switches up or down automatically if their connection changes mid-stream.



Renditions and viewer matches shown are examples. The player picks for each viewer automatically.

EVERYONE CAN WATCH

Phones, tablets, laptops and smart TVs each get a stream they can handle, whether they're on fiber at home or one bar of cellular at the beach.

4K WHERE IT COUNTS

Viewers with strong connections and big screens see the full 4K detail your camera captures: every wave, boat and sunset.

LESS BUFFERING, FASTER START

Because each viewer gets a rendition their connection can keep up with, streams start faster and buffer less. Fewer spinning wheels, more watching.

1 YEAR ADAPTIVE STREAMING PLAN

1 WEBCAM • 10,000 VIEWER HOURS PER MONTH

ADAPTIVE BITRATE STREAMING

- Server-side recording
- RTMP stream publishing
- Audio & video muxing
- Facebook & YouTube Live
- nDVR
- Pre-roll ads
- Multicam player embed
- Automated Time-Lapse
- Weather bug overlay
- Auto offline/online
- Stream time-out
- HTML5 Player
- HTTPS/SSL secure streaming
- Responsive Player
- Stream to any device
- White Label
- Unlimited concurrent viewers
- Network & hardware consultation
- Onboarding support
- Integrated social sharing
- HDOnTap.com listing
- Monitoring & alerts
- Live image snapshot proxy
- Secure player embed
- Customer portal access
- Camera, embed & streaming support

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THE ENCLOSURE

THE WORLD'S ONLY PATENTED SELF-WIPING, SELF-CLEANING OUTDOOR CAMERA ENCLOSURE



X|CLEAR

Salt spray, rain spots, grime and bugs are the enemies of a great coastal view. The X|Clear keeps your camera's view clear without ladders, cleaning crews or poles.

US PATENT #8567963B1

SELF-CLEANING DOME

- Spray nozzle coats the dome, then it rotates against a fixed wiper blade
- 58 oz reservoir: up to 150 washes (based on settings)

CLIMATE CONTROL

- Integrated 30-watt heat w/ optional 60-watt total heat upgrade
- Redundant circulation fans eliminate hot spots

BUILT FOR SALT AIR

- Nearly indestructible polycarbonate: no rust or corrosion
- Stainless steel, padlock-compatible latches

EASY TO INSTALL

- Wall mount bracket (standard)
- Pole Mount Bracket Available
- Cable entry from below reduces water intrusion



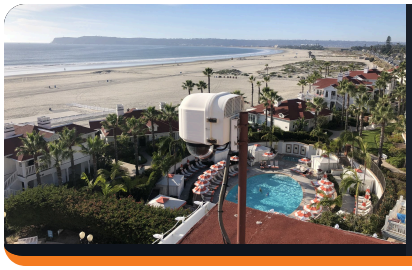
CONTROL FROM ANYWHERE

- Trigger or schedule wash and wipe events from any modern browser, or via the API
- Monitor internal and external temperatures, fluid level, power input and load
- Power each connected device on or off remotely; reboot and power cycle

X|CLEAR KEY SPECS

INPUT POWER	120/240VAC (standard); 10-60VDC (optional)
POE+ & AUX PORTS	[1] 30-watt PoE+ (IEEE 802.3at); [1] 24VDC passive PoE; [2] 12VDC; [2] 24VDC, all remotely controlled; integrated 4-port 10/100Mbps switch
HEAT	Integrated 30-watt heat w/ optional 60-watt total heat upgrade
OPERATING TEMP.	0° to 140°F (-18° to 60°C). Varies with integrated components.
MOUNTING	Wall mount bracket (standard), 2″ x 5.5″ OC hole pattern; pole mount bracket available
SHIPPING SIZE / WT.	19″L x 15″W x 22″H, 24 lbs (with camera installed)

Options (not included): X|DC-INPUT 10-60VDC solar input, X|AUX-RESERVOIR, X|INSULATE, X|PMB pole mount adapter, X|EXT-TEMP external temp probe, X|HALF-SHELF, X|HIGH-CFM fans.



READY FOR A CLEARER COASTAL VIEW?

Tell us about your site and your view. Your HDOnTap coordinator will help you plan the install, and your package arrives tested and ready to go.

CALL 858.481.4096
EMAIL sales@hdontap.com
WEB hdontap.com