Using Streetlights to Improve Public Safety
Simpler Way to Deploy Situational Awareness and LPR Cameras

86%
of US police agencies report staffing shortages

~50%
Homicide investigations in major US cities used video evidence

62%
Clearance rate for homicides with video evidence **vs 47%** without.
National Institute of Justice

7/10
Crimes are committed with a vehicle, making LPR vital for police.

Challenge for Police to Deploy Cameras Quickly

Police understand the power of situational awareness and License Plate Recognition cameras to help with investigations and improve responses. The challenge is to how to deploy cameras quickly and cost effectively. Conventional methods relied on lengthy site acquisition processes and expensive deployments of bulky cabinets. This translates into slow and expensive projects.

Simpler Approach: Public Safety Platforms that Plug into Streetlights

Prime Sites
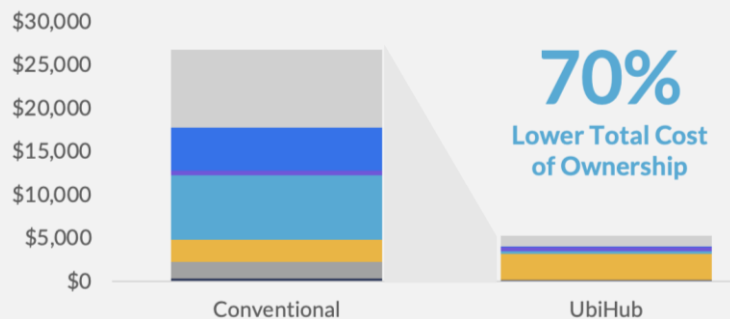Streetlights are everywhere cameras need to be.

Rapid Installation
Plugs into the top of streetlights and starts to transmit data in minutes

Easy Integrations
Integrate with existing camera hardware and software systems

Blends in Environment
Elegant design integrates rich functionality in small platform.

70%
Lower Total Cost of Ownership

Chart axis: $30,000 / $25,000 / $20,000 / $15,000 / $10,000 / $5,000 / $0

Conventional — UbiHub

Legend: ■ Permit ■ New Pole Build ■ Hardware ■ Camera ■ Annual Backhaul ■ Meter ■ Installation

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Introducing UbiHub Platforms
Multi-purpose smart city platform with integrated camera, Wi-Fi and lighting controls.

Use Ubicquia or 3rd Party Situational Awareness Camera
Streams & records video giving operators situational awareness & archive video for post incident analysis.
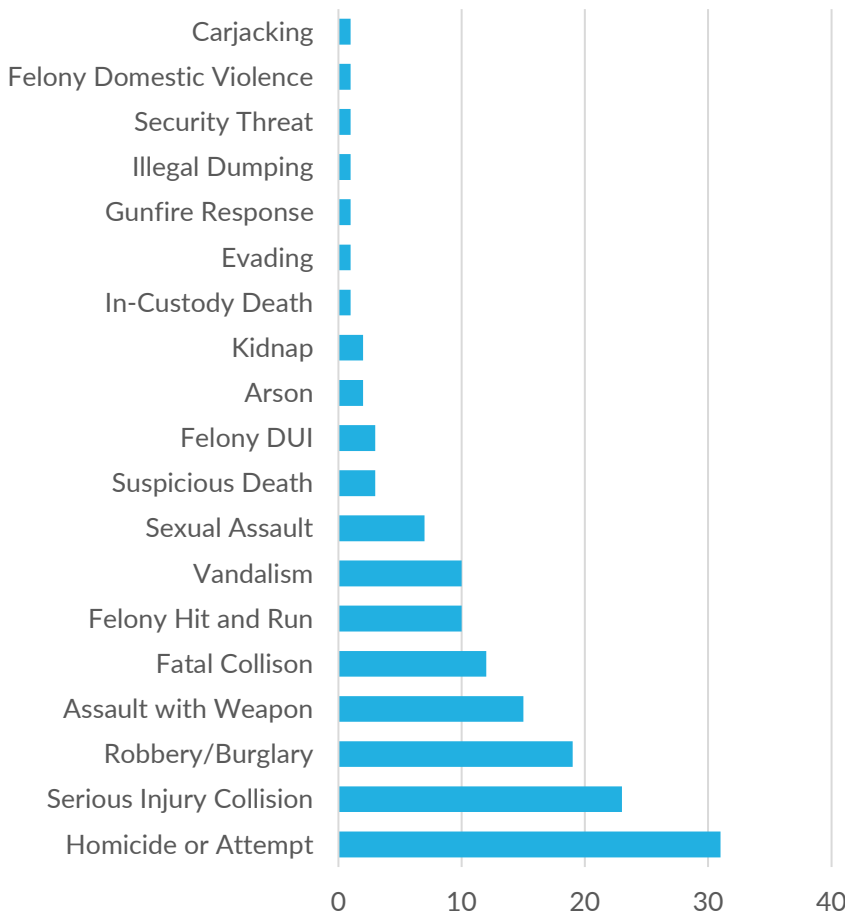
License Plate Recognition
Enables the capture of license plate and vehicle information.

How a major US city used camera to aid 144 investigations over the course of a year.

Number of cases

Category	Cases
Carjacking	1
Felony Domestic Violence	1
Security Threat	1
Illegal Dumping	1
Gunfire Response	1
Evading	1
In-Custody Death	1
Kidnap	2
Arson	2
Felony DUI	3
Suspicious Death	3
Sexual Assault	7
Vandalism	10
Felony Hit and Run	10
Fatal Collison	12
Assault with Weapon	15
Robbery/Burglary	19
Serious Injury Collision	23
Homicide or Attempt	31

(Horizontal axis: 0, 10, 20, 30, 40)

Ensuring Data Privacy

- City owns the data
- Data is encrypted at rest and in transit
- Data deleted after specified retention period
- Privacy masking capability
- Access controlled and audit logged

About Ubicquia
Ubicquia creates intelligent infrastructure platforms that are compatible with 360 million streetlights and over 1 billion transformers that line our streets. While they were designed to be nearly invisible from the street, they deliver a big impact in reduced energy consumption, enhanced public safety, simpler 5G and FWA deployments, and more resilient grids. Ubicquia products are deployed by more than 700 customers including some of the largest cities, utilities, and mobile operators across North America. To learn more visit www.ubicquia.com or contact us at info@ubicquia.com.

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