

## Boisselle, Robert

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**From:** MSN | Outlook, Office, Skype, Bing, Breaking News, and Latest Videos  
**Posted At:** Tuesday, July 16, 2019 08:37  
**Conversation:** Colorado neighborhoods using license plate readers to reduce crime, raising privacy concerns  
**Posted To:** MSNBC News  
**Subject:** Colorado neighborhoods using license plate readers to reduce crime, raising privacy concerns



AURORA, Colo. — It's not your typical neighborhood fixture, but people who live in the Bel Air Estates in Aurora believe the two towering light poles that stand watch over the entrance to their community will help keep it safe. "It's the world's first tool built for neighborhoods to solve crime," said Garrett Langley, Founder and CEO of Flock Safety. Langley says they've partnered with ten ...

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## Colorado neighborhoods using license plate readers to reduce crime, raising privacy concerns

By KDVR-TV, Denver 7/16/2019

AURORA, Colo. — It's not your typical neighborhood fixture, but people who live in the Bel Air Estates in Aurora believe the two towering light poles that stand watch over the entrance to their community will help keep it safe.



© KDVR-TV/TNS

"It's the world's first tool built for neighborhoods to solve crime," said Garrett Langley, Founder and CEO of Flock Safety.

Langley says they've partnered with ten different communities across metro Denver. High-tech cameras sit on two of the light poles in the shade of a single solar panel. The devices can also read license plates.

According to Flock Safety's website, 70% of all serious crimes involve a vehicle.

"I have a sense of security when it's there," said resident Jeff Rollins.

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But not everybody likes the idea of being watched. The poles include red and white signs saying there is 24/7 surveillance.

"Another example in my opinion of when our technology outstrips our morals and ethics," said Steve Beatey, Metropolitan State University professor of computer science. "Are we comfortable with our neighbors knowing about our movements, and if so, at what

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detail level?"

Langley says the company does not legally own the footage, rather the homeowners association they partner with. The company deletes the footage every thirty days, unless there is a police investigation that places a hold on the evidence. But Beatey says deleting the footage regularly doesn't mean the data is safe.

"There are vulnerabilities in every single system out there, and so we never ask ourselves in computer security if, we ask ourselves when," Beatey said.

There is an option to opt out for residents in the neighborhood, and request their cars not be recorded. Langley says on the flip side, if that car was to be stolen, there would be no footage to help police.

"It's an inevitable reality that there are going to be cameras everywhere, whether it's an iPhone in your pocket, or a stationary camera on a light pole. The question is not will they exist, the question is who owns the footage," Langley said.



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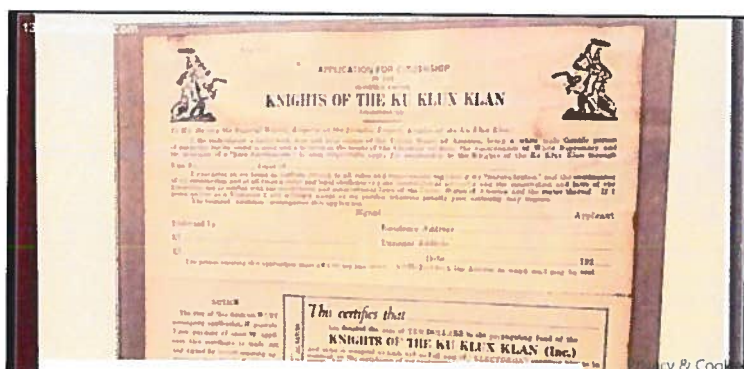
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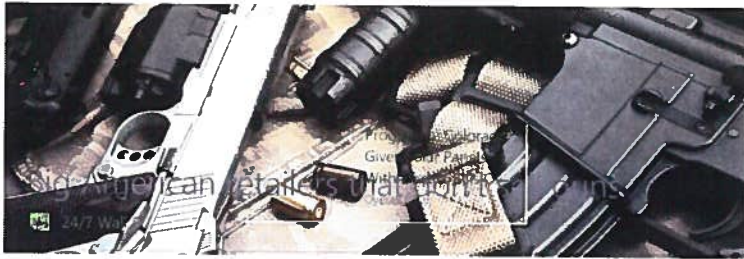
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**Boisselle, Robert**

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**From:** Kyle Moniz <kyle@flocksafety.com>  
**Sent:** Thursday, January 31, 2019 09:39  
**To:** O'Keefe, Paul  
**Subject:** LPR Follow Up - Flock Safety  
**Attachments:** 7 - Flock Safety Pricing Overview Oct 2018.pdf; 12 - Flock Safety Spec Sheet.pdf; 18 - Safe Communities Program.pdf

Chief O'Keefe,

I hope this message finds you well. In addition to my LinkedIn message, I wanted to arm you with the Flock Safety overview documents to socialize with your teams.

Please let me know if you have any questions for PD use or if you are aware of neighborhoods, parks or HOA's that are struggling with crime. Please introduce us as we can help.

Looking forward to speaking to you.

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Thank you,

Kyle Moniz  
Flock Safety - Consultant & Public Safety Outreach  
Government, Education and Residential  
Office - 844.285.3720  
Request more info - [Click Here!](#)  
Case Studies - [Click Here!](#)



# flock safety

## Flock Safe Communities™ Program



Let's keep the whole community safe.

Flock Safety is the only infrastructure-free automatic license plate reading (ALPR) system that any property can afford.

Businesses, schools, and neighborhoods throughout the US are setting up Flock Safety cameras to help capture the evidence police need to prevent crime, and ultimately eliminate it from our communities.

**Join the Flock Safe Communities™ Program to partner with us and get discounts on Flock technology for your community.**



- Automatic license plate reading (ALPR) camera
- Machine vision identifies pedestrians, animals, vehicle type and color
- Real-time alerts for local law enforcement when plates are on state hot list
- Unlike standard ALPR, camera records vehicles with or without license plate
- Footage uploads via LTE (T-Mobile, AT&T or Verizon)
- Data stored in the cloud with AES256 encryption



- Powered by included Solar Panel or 120 VAC
- Can be installed almost anywhere and easily moved
- Cameras installed based on community needs — either on Flock-supplied 8ft/14ft poles or existing poles
- Viewable on any internet connected device, anywhere
- Customers 100% own their data — Flock will neither sell nor access data, nor share it unless authorized to share with local law enforcement

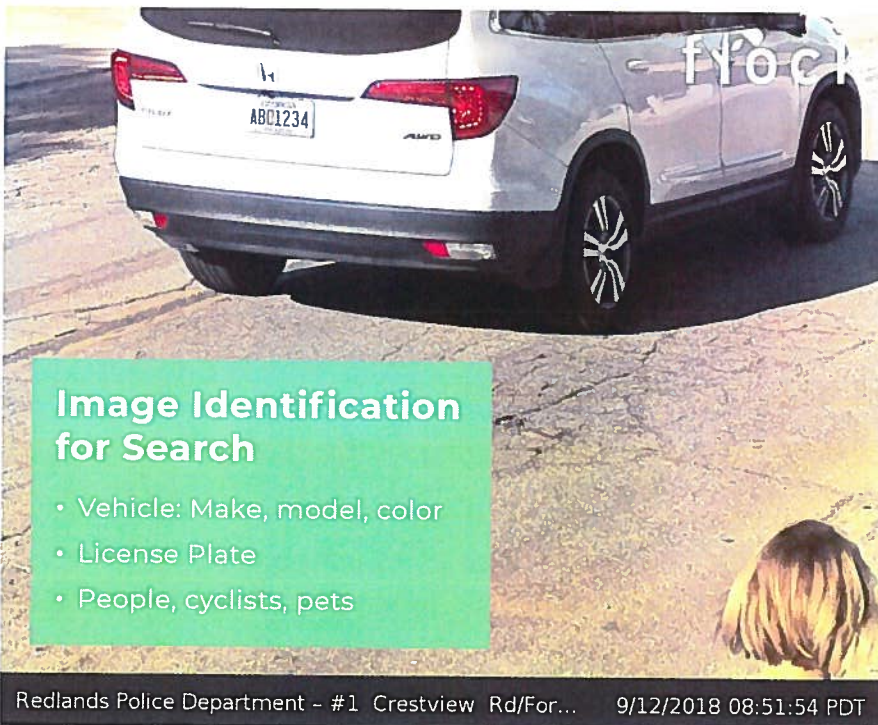


- Infrastructure-free for a simple installation included in the cost
- Ability to upgrade every 2-3 years
- Straightforward two-year contract
- \$2,000 per camera per year
- Security-as-a-Service includes everything — installation, maintenance, footage hosting, cellular service, and software updates



## Technical Specifications

- **POWER:** 14Ah Battery; 30W Solar Panel
- **MOTION:** Passive Infrared Motion Detection
- **IMAGE:** 5 Megapixel Image Sensor
- **DATA:** 16GB On-Camera Storage (~2 weeks)
- **CLOUD:** 30 Days of Cloud Storage (Amazon Web Services); Accessible via Secure Site on Desktop and Mobile
- **CONNECTIVITY:** Embedded Cellular LTE Connection
- **DESIGN:** IP65 Waterproof; Designed and Manufactured in the United States
- **NIGHT VISION:** 850nm Custom IR Array; Capable of Capturing LPR up to 75ft



**“With Flock’s system, we were able to successfully solve an incident that in any other situation would have been a cold case.”**

– Detective N. Yimer  
DeKalb County Police

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**Talk to our Head of Public Safety and get started today!**  
[bailey@flocksafety.com](mailto:bailey@flocksafety.com) | 404.996.0074



## Flock Group Inc.

1170 Howell Mill Rd Suite 210  
Atlanta, Ga 30318  
(404) 860-1642



### Solar Panel:

- Voltage: 18-20V
- 9.6lbs (with hardware)
- Length: 21.25"
- Width: 14"
- Depth: 2" (before pole mount)
- Mounted atop pole with bolts

### Pole:

- 14' DOT breakaway pole
- Inner Diameter: 2.5"
- Outer Diameter: 3"
- SCH 40
- Alloy: 6063
- Weight: 32lbs

ITEM	DESCRIPTION
<b>Product</b>	
30W SOLAR PANEL	<ol style="list-style-type: none"><li>1. Mono crystalline solar panel;</li><li>2. Power: 30W<math>\pm</math>3%;</li><li>3. 156*156 cell;</li><li>4. Cell efficiency: &gt; 19.2%;</li><li>5. MC4 connectors;</li><li>6. Size: as per the Appendix-1;</li><li>7. Color: Frame: black; Backsheet: black;</li><li>8. BRACKET: Diameter: 76mm;</li><li>9. c/w mounting hardware;</li><li>10. Package: Suitable for international air shipment and sea shipment; Carton filled with proper inner protection stuff; Wooden Pallet required;</li></ol>

### Camera: Assembled by Flock in Atlanta, GA (proprietary)

- Length: 8.75"
- Height: 5"
- Width: 2.875"
- Mounted with adjustable band clamps
- Weight: 3lbs
- Footage upload medium: LTE (T-Mobile, AT&T or Verizon)

Pole installed in 2500 PSI concrete (no brackets needed)

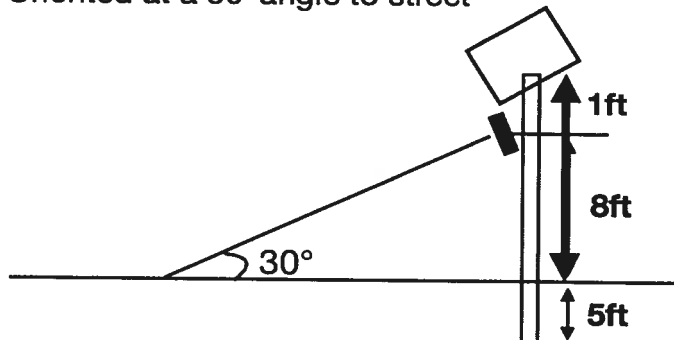
18" diameter concrete

5' hole deep filled with concrete

3" gravel at bottom of 5' hole



Installed on a pole 14' tall, 5' in the ground.  
Oriented at a 30° angle to street



## Boisselle, Robert

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**From:** MSN | Outlook, Office, Skype, Bing, Breaking News, and Latest Videos  
**Posted At:** Tuesday, July 16, 2019 15:10  
**Conversation:** Neighborhoods using license plate readers to reduce crime, raising privacy concerns  
**Posted To:** MSNBC News  
**Subject:** Neighborhoods using license plate readers to reduce crime, raising privacy concerns



It's not your typical neighborhood fixture, but people who live in the Bel Air Estates in Aurora believe the two towering light poles that stand watch over the entrance to their community will help keep it safe. "It's the world's first tool built for neighborhoods to solve crime," said Garrett Langley, Founder and CEO of Flock Safety. Langley says they've partnered with ten ...

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**From:** Craig Martinez <cmartinez@orem.org>  
**Sent:** Monday, April 29, 2019 13:25  
**To:** Behr Tharsing; Augustine, David K (MPD); Brett Lester; Ed Turner; Scott Gilchrist; Illich-Hailey, Natalia; 122@knab.gov.lv; 1921@miami-police.org; Bodker, Gregory; Croas, Paul (HCSO); Dorris, Steve (Partner Council); Fez Khan; aalvernaz@cityofelmira.net; acuthbert@staugpd.com; addlspciaucid@police.gov.bd; ahayden@portla.org; ahernandez@nationalcityca.gov; alanz@woodstockil.gov; alexandru.porosanu@politiaromana.ro; alove@massenapd.com; apoppler@mt.gov; aproctor@chp.ca.gov; ash99hadjer@yahoo.co.uk; avaughn@ellisville.mo.us; avery.moore@dpd.ci.dallas.tx.us; baert@pbso.org; baxlund@coconino.az.gov; bblanco@glendaleaz.com; bcampagna@cityofnapa.org; bcooper@carolstream.org; blawrence@coralgables.com; bludwig@stlouisco.com; bomalley@portauthority.org; brad.green@osbi.ok.gov; brent.sugg@dps.ok.gov; brian.johnston@gbi.ga.gov; brian.larkin@pd.boston.gov; brian.nevins@sdsheriff.org; bruno.sc.hettini@prf.gov.br; bryant.swallows@cityofalgoodtn.gov; bswafford@fruitlandpolice.com; btholen@edinamn.gov; bww@claremontnh.com; bzalewski@wauwatosa.net; cadams@groveport.org; cahardy@dmgov.org; canderson@sunnyvale.ca.gov; cchandler@thecolonytx.gov; cf\_szeto@customs.gov.hk; cfisher@sbcsl.org; chad.sitz@usmc.mil; charles.perry@nypd.org; chomnan.loth@newark.org; chris.johnson@coastalalabama.edu; chris.moffatt@memphistn.gov; chris.papaioannou@chicagopolice.org; christie.calderwood@carlsbadca.gov; christopher.brown@jcf.gov.jm; christopher.comstock@troopers.ny.gov; christopher.corsino@suffolkcountyny.gov; cj.wise@edmondok.com; ckuklent@montcopa.org; craig.cummings@dps.texas.gov; Dobson, Craig; cummings\_md@jpso.com; curtis.moore@nashcountync.gov; d.sedgwick@rowleypolice.com; darren.miller@doccs.ny.gov; daryl.green@lansingmi.gov; dave.kok@kentcountymi.gov; dealbar@modestopd.com; defoemg@town-and-country.org; derrek.kaff@cityofwoodland.org; derrick.alston@shelby-sheriff.org; dhyder@dart.org; dkerns@saginawcounty.com; 'Patricia Wain'; Craig Martinez; dlong@cityofconway.com; donniehensley@townofforestcity.com; dsands@cityofml.com; dsigler@waxahachiepd.org; dsteelman@baldwincountyal.gov; dustinw@co.mower.mn.us; dvincent@sheriffcitrus.org; dwentlandt@butlerwi.gov; ebdistor2016@gmail.com; eddie.mccormack@wakegov.com; emdiglayr@hotmail.com; eric.j.o'hearn@uscg.mil; ericdrennan@kcsso.us; ernesto.lazcano@co.reeves.tx.us; eroberts@ci.sandy.or.us; ewanow@geneseo.edu; fdeickmann@mcsonj.org; fjortner@cheshirect.org; gadrafts@columbiasec.net; gafoster@fairbanks.us; garsenault@northportpd.com; gciszewski@cityofhobart.org; gmaurer@princetonnj.gov; gmoshier@ellsworthmaine.gov; gwodka@palosheightspd.org; h\_sallak@hotmail.com; hamdan-alhaj90@hotmail.com; harold.lee@leaguecity.com; harold.rankin@mesaaz.gov; harry.tompkins@putnamcountyny.gov; hocker.rusty@rigov.org; ichavez@lawa.org; iraqiguy2017@gmail.com; james.burt@cumberlandmd.gov; jamie.winfrey@mpd.net; jamisona@sjcso.com; jasonj@ci.sherman.tx.us; jay.barringer@houstonpolice.org; jayson.johnson@phoenix.gov; jbarscherer@pdcn.org; jboerm@collinsvilleil.org; jbromen@gulfport-ms.gov; jbstahl@lasd.org; jcardoza@frpd.org; jcutwright@euclidpd.org; jdevlin@hollywoodfl.org; jdorfsman@plymouthmn.gov; jeremy.w.sheppard.mil@mail.mil; jfry@ci.moscow.id.us; jnolder@muni.org; john.j.laird@state.de.us; john\_ledbetter@co.jackson.ms.us; jonathan.cloke@icloud.com; jorisjutton@gmail.com; joseph.graff@co.genesee.ny.us; jpierce@greenevillepd.org; jr@mdpd.com; jsemester@carmel.in.gov; jshoemaker@hallcounty.org; jsnell@unioncity.org; jward@pooler-ga.gov; jwietholter@covingtonky.gov; kelly.k.arnett@gmail.com; kenneth.cain@ct.gov; kevin.ryan@nebraska.gov; kgillilan@una.edu; khalid\_afzal@yahoo.com; knighta@jccal.org; krrodrigue@pa.gov; kspurlin@hopkinsvilleky.us; kuwait1850



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@winnemuccacity.org;yawadjei75@gmail.com;youngjakari@dbpd.us

**Subject:**

License Plate Readers

Does anyone currently use a Flock Safety LPR? If so, could you tell me the pros/cons and how happy your department has been with the functionality and use?

Captain Craig Martinez  
Orem Police Department  
Support Services Division Commander  
FBINA Session #275  
[cmartinez@orem.org](mailto:cmartinez@orem.org)



