CITY COUNCIL AGENDA REPORT

Meeting Date: December 4, 2025

From: Jeremy Dennis, City Manager

Subject: Camera at Community Park Follow-Up

Recommendation

Staff recommend that the City Council receive this staff report regarding the potential installation of a camera near the Community Park, as proposed by Councilmember Kern.

Background

On September 18, 2025, the City Council discussed a proposal by Councilmember Kern regarding the installation of a camera at the Community Park (Attachments 1 and 2).

As described previously, Councilmember Kern introduced this topic after recent incidents at the Community Park, including two cases of vandalism in the bathrooms, and a serious dog attack on another dog.

Per the direction of the Council, staff has met internally and with Councilmember Kern to further discuss. The City Council also directed that the City Attorney review any action before it comes to the City Council to ensure compliance with state laws.

Discussion

Project Goals/Opportunities

Councilmember Kern proposes a one-year pilot program, to be managed by the City Manager's Office (CMO) that will:

- Provide New Community Engagement and Real-Time Transparency
- Provide Data That Can Inform Future Park Planning
- Increase the user experience at the Community Park
- Ensure compliance with State Law

Key Benefits include:

- Usage Analytics: Accurately capture data on visitor flow, peak times, popular areas, and user demographics.

- Informed Decisions: Utilize data to inform future park planning, justify resource allocation, and target amenity/program enhancements where demand is highest.
- User Confidence: Directly increase the public perception of safety, encouraging greater park utilization.
- Deterrence & Asset Protection: A visible camera, along with associated signage, deter undesirable behavior and vandalism (critical given recent bathroom defacing incidents, feeding of wild animals, off-leash dogs). High-quality, date-stamped footage provides essential evidence for incident resolution.
- Rapid Emergency Response: Provide real-time situational awareness to authorities (Fire, Police, and Rescue) for expedited, targeted response times in emergency/life threatening
- Proactive Maintenance: Real-time monitoring allows staff to rapidly identify and resolve physical issues (e.g., severe litter, graffiti, sprinkler heads) before they escalate.
- Compliance Verification: Facilitate remote monitoring of amenity rental agreements and adherence to park rules, especially during high-traffic Summer weekends/holidays.
- Behavioral Impact: Encourage responsible pet ownership regarding waste disposal and compliance with the city's pet leash ordinance.

Existing Camera Systems

As outlined in the September 18th staff report, the City currently utilizes cameras at the following locations:

• City Hall and Annex
• Corpyard
• Community Pool
• Marina
• Right of way location at Main Street and Bayshore Blvd to deter/investigate illegal dumping

Additionally, Flock license plate reader cameras are utilized by the Police Department in fixed locations and in vehicles, and the City will be participating in a new program initiated by the City/County Association of Governments (C/CAG) called the Smart Corridor Project. The project's intent is to provide CalTrans and other government agencies real time traffic information. City Hall will place cameras that will monitor locations on Bayshore Boulevard.

Example Camera System – Verkada

Staff reached out Verkada, the organization that provided and supports most of our existing fixed camera locations, to learn more about systems that may be appropriate for the use/goals defined by Councilmember Kern.

The Verkada CR63-E Remote Camera (Attachment 3) is a new solar-powered system, utilizing broadband communications tools, that may be the type of system for this pilot. Advantages of the cameras include:

1. Robust privacy settings, with all captured/stored videos will have faces blurred for privacy and to ensure we are not violating state privacy protections
2. Tools that can summarize crowd make-up, presence of animals, and other useful data in an anonymized manner
3. It is a portable and provides opportunities for deployment across the City, as needed.

The camera has an MSRP of $3,499.00. Below is a breakdown of the associated costs:

One-Time Costs:
- Verkada CR63-E Remote Camera – $3,499.00
- Battery Backup System – $1,399.00
- Solar Pole Mount – $999.00
- 100-Watt Solar Panel (charging) – $269.00
  Total One-Time Cost: $6,166.00

Annual Costs:
- Cloud License (one-year) – $199.00
- Data Plan (SIM connection) – $999.00
- Cloud Storage License (one-year) – $900.00
  Total Annual Cost: $2,098.00

Please note, the initial setup cost will include both the one-time costs and the first year's annual costs, for a total of **$8,264.00**. After the first year, the ongoing annual renewal cost will be **$2,098.00** per year.

Proposal
Councilmember Kern proposes a one-year pilot program, with the camera's primary installation at an appropriate location at the Community Park to provide for the above goals. The pilot is to be managed by the City Manager's Office, who will coordinate with departments on a as-needed basis, for access/use (limited to day-to-day parks and recreation activities, non-individual data collection for future planning purposes (such as visitor flow, peak time usage, and user demographics), and criminal investigations that have an assigned case number. Data retention is proposed to be preserved on a rolling 30-day window.

Camera location is recommended, by staff, to be in the southwest corner of the park, as seen in this visual:

Such a location offers one of the widest visual ranges while also recognizing privacy issues related to the playground and bathroom facilities.

If the Council wishes to pursue this pilot, staff will return with a data retention policy, any additional costs, and other items at a council meeting later this winter.

Attachments:
1. Sept 18 2025 Staff Report
2. Sept 18, 2025 Minutes (relevant excerpt)
3. Verkada Proposal

Jeremy Dennis
Jeremy Dennis, City Manager

CITY COUNCIL AGENDA REPORT

Meeting Date: September 18, 2025
From: Jeremy Dennis, City Manager
Subject: Discussion – Installation of a Camera at the Community Park

Recommendation

Per the request of Councilmember Kern, Staff recommends discussion on the potential installation of cameras at Community Park.

Background

At the September 4, 2025 City Council meeting, Councilmember Kern requested the City Council agendize a discussion regarding the potential installation of cameras at Community Park. Below is a summary of the potential uses of a camera, how other local communities have utilized cameras in their public spaces. And costs associated with such installations.

Examples of Use
Municipalities install cameras for a variety of reasons:

- Increasing the visibility of a public area (such as a webcam that overlooks a park, building or street
- Enhancing public safety/increasing the number of investigative tools in the event of a crime or incident
    o Providing deterrence from future criminal activity or incidents
- Increasing the visibility of a public infrastructure project's construction progress
- Providing real-time traffic/outdoor facility use updates
- Coordinating emergency response coordination/increasing visibility in high-fire areas

The City of Brisbane has installed cameras at the following locations:

- City Hall and Annex
- Corpyard
- Community Pool
- Marina
- Right of way location at Main Street and Bayshore Blvd to deter/monitor/investigate illegal dumping

Case Uses from Local Municipalities

To learn more about the usage of cameras in public spaces, staff surveyed neighboring cities to learn more about their experiences with cameras in community parks. The following information was received:

- *Burlingame:* Installed four cameras at Washington Park four years ago in response to ongoing concerns regarding graffiti. Staff selected Arlo Pro cameras, as it was a cost effective and simple solution. The camera footage is not accessed publicly, and the Parks Department and Police Department have access to the footage. Burlingame has been able to apprehend individuals who have vandalized the park. The biggest issue was difficulty with Wi-Fi connectivity.
- *Millbrae:* Installed the Verkada camera system both inside and outside of recreation center along with visibility into Central Park. The cameras are smart cameras that track movement. The Parks and Recreation Department have access to the footage and review footage on an as-needed basis. If needed, clips may be sent to the police department.
- *Redwood City:* Installed different types of cameras throughout the city. Some high end Verkada cameras, and a few simple webcams based on the location. The footage is not publicly accessible.
- *South San Francisco:* Installed the Verkada camera system along with an Avigilion system. While the system is not actively monitored, footage is pulled on an as-needed basis. The city does have a Verkada livecam for the aquatic center construction project. You can view it at www.ssf.net/newpool.
- *San Carlos:* Installed cameras at their parks and public facilities. The city upgraded their cameras to 360 cameras in 2017 for select facilities. The Sherriff's office is able to review camera footage as necessary and IT staff have permission to review only to determine if the cameras are functioning property. The footage is not publicly accessible. The total project cost was $450,000.

Costs of Various Camera Systems

The use of a public-facing camera system has a direct relationship to the cost of purchase, installation, and subscriptions. In the case of a system intended to bring visibility to an amenity, construction project, or other similar use, a standard webcam system, Webcams are typically consumer grade and used for personal video communication. Many webcams are plug-and-play by utilizing a USB, they have a fixed lens without the ability to zoom or pan. Webcams also are lower resolution (720p to 1080p) with a limited field of view and no built-in streaming protocols. Common webcams include Arlo Pro, Logitech C920, Razer Kiyo, and Microsoft LifeCam. Data may be stored in the cloud and remote access is available. The cost of webcams may range from $50 to over $250 per camera. The City's webcam purchased to curb illegal

dumping cost $250 per camera plus a $25 per month subscription fee.

As noted above, some cities utilizing camera systems which have the capability to provide real-time camera feeds. Designated staff may monitor the camera with remote access and view from their smartphones, tablets, or desktops. These systems also allow for centralized control of multiple locations including city halls, police stations, and public parks. The automation feature triggers alerts based on motion, door access, or license plate recognition. While Verkada is widely used, other systems include PTZOptics, Sony SRG series, and Panasonic AW series to name a few.

In gathering cost information, Staff received quotes for two types of cameras provided by Qovo Solutions, Inc. The Artificial Intelligence (AI) Camera has the ability to analyze audio and dispatch law enforcement. Audio triggers may include screaming or a car crash. The camera pans and has the ability to zoom. It is cloud based and costs approximately $9,000 per camera plus $10,000 for installation and an annual licensing fee of $400. The second camera is a traditional dome, fixed camera. While also cloud based, it does not have the ability to zoom or pan and does not have audio. The cost per camera is approximately $16,000 plus $10,000 for installation and a $500 licensing fee.

Best Practice
Best practices when implementing public facing cameras include creation of transparent policies, limiting data retention, restricting access to footage, and complying with any privacy laws.

Should Council wish to proceed, Staff anticipates creating a camera policy based on best practices that also incorporate an auditing component, similar to the audit requirements provided by the Automated License Plate Reader (ALPR) policies. The audit allows the Police Commander or the Chief of Police to conduct an audit of ALPR browsing inquiries at least monthly each calendar year. The audit is documented and reviewed by the Chief of Police and retained in a secure location.

Discussion
Staff recommends the City Council weigh the costs and benefits of the various types of camera systems and provide staff direction on whether to continue to explore installation of a camera at Community Park.

Fiscal Impact
The fiscal impact to the City is dependent on the camera system selected.

Attachments

Jeremy Dennis
Jeremy Dennis, City Manager

NEW BUSINESS

H. Discuss the Potential Installation of a Camera at the Community Park

City Manager Dennis reported that at the September 4, 2025, City Council meeting, Councilmember Kern requested the City Council agendize a discussion regarding the potential installation of cameras at Community Park. Staff recommend the City Council weigh the costs and benefits of the various types of camera systems and provide staff direction on whether to continue to explore installation of a camera at Community Park. Councilmember Kern shared the four incidents that inspired his request to agendize this item for discussion for a pilot program to install a camera at the Community Park.

After council questions, Al Cordoza commented that cameras in the park can also be used to monitor traffic laws, road congestion, weather problems, and drain issues in the park.

After Council discussion, staff was directed to bring back more information at a future council meeting on the need for a camera in the community park, specifically coming from the Police Chief or Police Commander, and the cost for the camera system needed. Additionally, Staff were directed to publicize this future meeting so the public can weigh in.

Verkada

CR63-E Remote Camera with LTE

Easily Monitor Areas Without Power or Internet

Overview

The CR63-E remote camera is quick to deploy and easy to move, providing coverage even in areas that lack power or internet. It has a built-in battery and LTE modem and supports various power supplies, including solar.

If continuous power is available, the CR63-E can be hardwired via included AC and passive PoE adapters.[1] For deployments in areas without existing power infrastructure, a solar panel and one or more backup batteries can be used. A built-in LTE modem simplifies install without the need for a standalone cellular gateway.

The CR63-E provides 24/7 streaming and impeccable image quality with 4K resolution and optical zoom. An onboard CV75S Ambarella processor supports advanced analytics like AI-powered search, AI-powered unified timeline, line crossing, loitering, person of interest (POI) alerts, and license plate recognition (LPR).

With sealed interior components and IP66/IP67 weather and IK10 impact ratings, the CR63-E withstands extreme temperatures and excessive precipitation, allowing it to be deployed in a variety of indoor or outdoor environments.

Key features

Various power supply options

- Passive PoE,[1] DC, and power tap adapters
- External backup battery
- 65W or 100W solar panel

Excellent image quality

- 4K resolution
- 1 / 1.2" progressive CMOS image sensor
- Varifocal lens with 2.25x optical zoom
- 30m / 98ft of IR range for nighttime viewing

Built-in LTE connectivity

- Built-in LTE modem to provide connectivity in areas without internet
- Choose between Verkada's data plan or bring your own

Advanced analytics

- Onboard CV75S Ambarella processor enables people and vehicle analytics
- License plate recognition capabilities capture license plates at speeds up to 80 mph / 128 kph
- AI-powered search and AI-powered alerts
- Occupancy trends for operational insights

Hybrid cloud architecture

- Onboard storage and processing for reduced bandwidth consumption and coverage at scale
- 30 - 120 days (512GB - 3TB) of onboard storage
- Redundant cloud backup and unlimited cloud-based archiving of footage

1. PoE pigtail must be used with 48-57V passive PoE

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Verkada Data Plan

Verkada takes away the challenge of working with cell carriers with our hassle-free data plan, which works out of the box in many countries across the world.

Key benefits

Instant connectivity out of the box

As soon as it receives power, the CR63-E's built-in modem will automatically connect to a carrier using the pre-inserted Verkada SIM card – it just works.

Multi-carrier redundancy

The Verkada SIM card works across major carriers, allowing the CR63-E to automatically switch carriers if the current network is down.

Unlimited data

Unlike most carriers, which throttle your speed after a certain threshold, Verkada offers truly unlimited data.

24/7 support

Enjoy the quick and easy 24/7 customer support that you've come to expect from Verkada.

Country/region

US

Carriers used

Verizon, AT&T, T-Mobile

Bring Your Own Data Plan

Customers also have the option to bring their own data plan. For a list of carriers that have been tested and verified by Verkada, please refer to the knowledge base article.

Always connected

Customers can insert their own SIM card in one slot while keeping the Verkada SIM in the other slot for automatic failover. If the customer-provided SIM fails, the Verkada SIM helps ensure that the camera is always reachable.

Flexible configuration

Customers may also use their own SIM cards in both slots. In this case, customers can configure one slot as the primary SIM and use the other for automatic failover if needed.

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CR63-E
Tech Specs

Camera features

Image Sensor	1 / 1.2" Progressive CMOS	**Shutter Speed**	1 / 30 sec. to 1 / 10,000 sec.
Sensor Resolution[1]	4K (3840 x 2160)	**Day/Night**	IR-cut filter for day and night function
Lens Type	Varifocal; motorized zoom (2.25x)	**IR Cut Filter**	Yes
Focal Length	5.9 - 13.3mm	**IR Range**	30m / 98ft; non-adjustable
Aperture	F1.5 - F2.9	**Minimum Illumination**	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
Iris	P-Iris	**Onboard Storage**	Capacity: From 512GB to 3TB Card: MicroSD, SDXC
Field of View (after LDC[2])	Horizontal: 109° - 49° (102° - 47°) Vertical: 58° - 28° (58° - 27°) Diagonal: 113° - 55° (107° - 53°)	**CPU**	Ambarella CV75S88
Sensor Movement	Tilt: 0° to 90° Pan: 360° Rotation: 360°		

Standard video settings

Compression	H.265, H.264	**Historical Video Settings**	Adaptive quality[1]
Frame Rate[3]	24fps	**Live Streaming Settings**	High quality (HQ): Up to 4,500 Kbps (default) Standard quality (SQ): Up to 600 Kbps

Standard audio settings

Audio	Supported	**Interface**	Built-in microphone
Audio Capacity	One-way audio	**Effective Range**	5m / 16ft

1. All our cameras record in "adaptive quality," capturing both standard (SQ) and high quality (HQ) streams. SQ video is stored up to the amount of retention specified by the customer. The amount of HQ video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: https://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf
2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.
3. Frame rate can be adjusted by support.

CR63-E
Tech Specs

Power and network

Power Input	MC4 Pigtail for Solar Panel RJ45 for Passive POE DC Power Adapter	**Connectivity**	RJ-45 cable connector for passive PoE connection
Power Consumption	54VDC, 1.2A, 65W Barrel Jack (6.5/3mm OD/ID) 48-57V, 1.35-1.14A, 65W Passive POE 16-40V 6-2.4A, 96W, DC Solar input	**RTSP**	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

Cellular

Connectivity	LTE cellular CAT 6	**MIMO**	2x2 DL MIMO
SIM	2 SIM slots (Nano 4FF) Dual SIM/auto SIM failover	**Bands**	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28. B29, B30, B38, B39, B40, B41, B42, B43, B48 (CBRS), B66, B71
Carriers	Verizon, AT&T, T-Mobile		

General

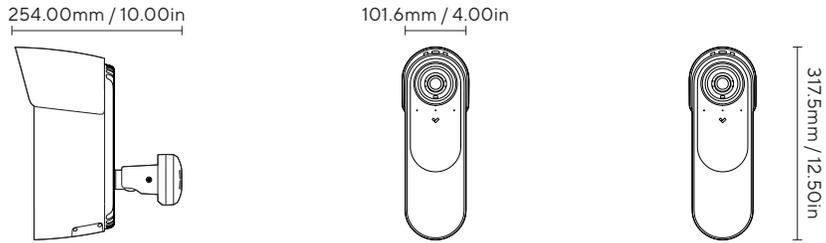|			
Operating Temperature	-40°C to 50°C / -40°F to 122°F	**LED Indicator**	1 status LED, 2 SIM indicator LEDs, 4 signal strength LEDs
Humidity	0 to 90%	**Warranty**	5 Years
Certifications	IK10 impact rating, IP66/IP67 weather rating, FY2019 NDAA compliant	**Included Accessories**	Mount plate, pole mount, T10 Torx security screwdriver, T25 Torx security allen key, 4x M4 x 25mm PH2, 4x wall anchors, MC4 pigtail, PoE pigtail, barrel jack pigtail, 2x small pole straps, 2x large pole straps, 1x Verkada SIM card

CR63-E
Tech Specs

Mechanical

Weight	3700g / 130.51oz	**Body**	Plastic casing with aluminum base and ball joint
Dimensions	L: 254.0mm / 10.00in W: 101.6mm / 4.00in H: 317.5mm / 12.50in		

Dimensions

254.00mm / 10.00in

101.6mm / 4.00in

317.5mm / 12.50in

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, person of interest detection, crowd detection, line-crossing detection, loitering detection, AI-powered alerts	**Streaming and Storage**	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, occupancy trends, motion search, trajectory analysis, selective face blurring, AI-powered search	**Sharing and Privacy**	Live links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, occupancy trends, AI-powered search	**License Plate Recognition**	License Plate of Interest alerts, license plate indexing

Ordering Information

CR63-E pricing

Model Number	MP[1]	WDR	Lens	IR Range	Onboard Storage	Maximum SQ Onboard Retention[1]	People/ Vehicle Analytics	Cost (MSRP) USD
CR63-512E-HW	4K	✓	Zoom	30m / 98ft	512GB	30 Days	✓	$3,499
CR63-1TBE-HW	4K	✓	Zoom	30m / 98ft	1TB	60 Days	✓	$4,299
CR63-2TBE-HW	4K	✓	Zoom	30m / 98ft	2TB	90 Days	✓	$5,399
CR63-3TBE-HW	4K	✓	Zoom	30m / 98ft	3TB	120 Days	✓	$6,699

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: https://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf

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Ordering Information

Video Security Cloud License pricing (New/Capacity Increase)

Model Number	Description	Cost (MSRP) USD
LIC-CAM-1Y-CAP	1-Year Camera License, Capacity Increase	$199
LIC-CAM-3Y-CAP	3-Year Camera License, Capacity Increase	$549
LIC-CAM-5Y-CAP	5-Year Camera License, Capacity Increase	$899
LIC-CAM-10Y-CAP	10-Year Camera License, Capacity Increase	$1,799

Video Security Cloud License pricing (Renewal)

Model Number	Description	Cost (MSRP) USD
LIC-CAM-1Y-RNW	1-Year Camera License, Renewal	$199
LIC-CAM-3Y-RNW	3-Year Camera License, Renewal	$549
LIC-CAM-5Y-RNW	5-Year Camera License, Renewal	$899
LIC-CAM-10Y-RNW	10-Year Camera License, Renewal	$1,799

Ordering Information

Cellular Data Plan (New/Capacity Increase)

Each data plan license includes unlimited data for one video device.

Customers bringing their own SIM/data plan do not need to purchase data plan licenses.

Model Number	Description	Cost (MSRP) USD
LIC-GC-1VD-1Y-CAP	1-Year Cellular Gateway Data Plan, Includes Unlimited Data for 1 Verkada Video Device, Capacity Increase	$999
LIC-GC-1VD-3Y-CAP	3-Year Cellular Gateway Data Plan, Includes Unlimited Data for 1 Verkada Video Device, Capacity Increase	$2,997
LIC-GC-1VD-5Y-CAP	5-Year Cellular Gateway Data Plan, Includes Unlimited Data for 1 Verkada Video Device, Capacity Increase	$4,995

Cellular Data Plan (Renewal)

Each data plan license includes unlimited data for one video device.

Customers bringing their own SIM/data plan do not need to purchase data plan licenses.

Model Number	Description	Cost (MSRP) USD
LIC-GC-1VD-1Y-RNW	1-Year Cellular Gateway Data Plan, Includes Unlimited Data for 1 Verkada Video Device, Renewal	$999
LIC-GC-1VD-3Y-RNW	3-Year Cellular Gateway Data Plan, Includes Unlimited Data for 1 Verkada Video Device, Renewal	$2,997
LIC-GC-1VD-5Y-RNW	5-Year Cellular Gateway Data Plan, Includes Unlimited Data for 1 Verkada Video Device, Renewal	$4,995

Ordering Information

Accessories pricing

Model Number	Description	Cost (MSRP) USD
ACC-BAT-430WH-E-1	430Wh Backup Battery for CR Camera	$1,399
ACC-MNT-SOLP-1	Solar Panel Pole Mount	$499
ACC-POLE-1	12ft / 3.7m Above Grade Pole for Use with CR Camera and Accessories	$999
ACC-SOLP-65W-1	65 Watt Solar Panel	$199
ACC-SOLP-100W-1	100 Watt Solar Panel	$269

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Ordering Information

Viewing Station pricing

Model Number	Description	Cost (MSRP) USD
VX52-HW	VX52 Viewing Station	$499

Viewing Station License pricing (New/Capacity Increase)

Model Number	Description	Cost (MSRP) USD
LIC-VX-1Y-CAP	1-Year Viewing Station License, Capacity Increase	$499
LIC-VX-3Y-CAP	3-Year Viewing Station License, Capacity Increase	$1,299
LIC-VX-5Y-CAP	5-Year Viewing Station License, Capacity Increase	$1,999
LIC-VX-10Y-CAP	10-Year Viewing Station License, Capacity Increase	$3,999

Viewing Station License pricing (Renewal)

Model Number	Description	Cost (MSRP) USD
LIC-VX-1Y-RNW	1-Year Viewing Station License, Renewal	$499
LIC-VX-3Y-RNW	3-Year Viewing Station License, Renewal	$1,299
LIC-VX-5Y-RNW	5-Year Viewing Station License, Renewal	$1,999
LIC-VX-10Y-RNW	10-Year Viewing Station License, Renewal	$3,999