

**OPD Surveillance Technologies with Priority List for Review  
by Oakland Privacy Advisory Commission (PAC)**

Item	Description	Use Policy and Impact Report	Priority for bringing to PAC	Estimated Date to Bring Use Policy / Impact Report to PAC	Annual Report
<b>Automated License Plate Recognition (ALPR)</b>	Cameras photograph all seen license plates and use optical recognition software to structure text of license, and populate into license database for tracking	Draft to PAC; needed legal review of data retention schedule	3	Mar-20	n/a
<b>Body Worn Camera (BWC)</b>	Officer BWC manually used to record videos. Officers use docking system to upload to city-maintained server system, w/ plans to upgrade to cloud-storage system.	Draft to PAC; needed legal review of data retention schedule	5	Jun-20	n/a
<b>Cell Site Simulator (Cell Phone Locator)</b>	Machine to mimic cell phone tower signals and determine location of cell phones with predetermined identifiers for specific cell phones or in rescue mode to locate cell phones with unknown identifiers.	Pre-Surveillance Technology ordinance, OPD to revise policy into DGO format	11	Mar-21	Need to bring 2019 annual report to PAC Feb - 2020
<b>Cellphone Data Extraction Equipment</b>	Technology is used to manually download data from seized cell phones.	no	8	Nov-20	n/a
<b>DNA Typing Technology (Crime Lab)</b>	Various technologies used by OPD's crime lab to analyze DNA systems	no	4	Apr-20	n/a
<b>FLIR Camera / Boat</b>	Thermal and video camera in boat	no	7	Sep-20	n/a
<b>FLIR Camera / Helicopter</b>	Thermal and video camera in helicopter.	no	7	Sep-20	n/a
<b>FLIR Camera / Portable Observation Tower</b>	Thermal and video camera in portable manned observation tower.	no		Apr-20	n/a

**Commented [SB1]:** Confirm this is FLIR tech

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<b>GPS Tracker</b>	Technology is used to track vehicles in relation to an investigation.	OPD brought policy and report to PAC; PAC recommended both to Council.	n/a	n/a	OPD to bring 2019 Annual Report to PAC by Aug-2020
<b>Gunshot Locater Technology</b>	OPD uses gunshot locater technology (ShotSpotter) to determine time and place as well as other data concerning gunshots.	PAC recommended the Use Policy and Impact Report; approved by City Council	n/a	n/a	Need to bring 2019 annual report to PAC by Oct 2020
<b>Hostage Negotiation Throw Phone</b>	The phone that OPD uses to throw into structures with hostage takers include communication capabilities.	no	9	Jan-21	n/a
<b>Live-Stream Transmitter</b>	Transmitter attached to a video camera to live-stream (not record) to the EOC.	Yes	n/a	n/a	Bring 2020 report in Jan 2021
<b>Remote Mobile (Utility Pole) Camera</b>	Video camera mounted to utility pole that can be moved to different locations, reviewed remotely.	As part of pre-combined policy with live-stream transmitter introduce to PAC in 2019	2	Feb-20	n/a
<b>Remote Audio Telecommunications Monitoring (Pen-Link)</b>	Technology is used to monitor private phone calls.	no	6	Jul-20	n/a
<b>Robot (Land)</b>	The OPD (land) robot for critical incident use includes remote access video capability, to the operator.	no	10	Feb-21	n/a
<b>Robot (Water)</b>	The OPD aquatic robot includes remote access video capability to the operator via cabled connection.	no	10	Feb-21	n/a

December 31, 2020

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<b>Thermal Imaging /VIDEO ATTIC Camera</b>	Thermal and Infrared camera on mobile pole	PAC to review if falls under Surveillance Ordinance	n/a	TBD	n/a
<b>Unmanned Aerial Devices (UAV)</b> *	Remote operated aerial device to which video cameras can be mounted	Introduced Jan-20 to PAC	1	Jan-20	Bring 2019 Annual Report to PAC
* = recently added to list					