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SMARTER, SAFER CITIES

BY



The World's **Sixth Sense**

www.flir.com/security

8.23



“Smart cities excel in the use of technology and infrastructure to sustain economic development and a high quality of life. Effective law enforcement leads to low crime levels, which improve personal safety and, therefore, quality of life. A safe city is a smart city and a smart city is a safe city.”

FLIR PROVIDES SMART SOLUTIONS FOR SAFER CITIES

“Imagine a city where citizens live without concerns about safety, a place with secure neighborhoods, where first responders – faced with dangerous or hazardous situations – use the latest technologies to make smart decisions in real-time. FLIR’s video innovation does just that.”

TruWITNESS

The innovative TruWITNESS technology changes the way security operation centers function by utilizing smart sensors on the ground, in the air, and everywhere in-between to augment the VMS (Video Management System) fixed and integrated assets, providing for enhanced situational awareness with real-time information and centralized intelligence.



● Officer Headset Camera View



● Police Car Dashboard Camera View



SERVING THE COMMUNITY AND CITIZENS...

Creating a safer environment with real-time, intelligent, situational awareness, globalized events, and on-demand live video/audio streaming for rapid and efficient response.

DESIGNED WITH YOUR ORGANIZATION IN MIND...

Privacy concerns and administrative policies are fully addressed with advanced technologies and revolutionary concepts. Programmable logic interface allows functionality modifications based on the required Concept of Operations. Equipped with cyber defense layer to prevent unauthorized access and misuse of data.

PROTECTING THE PROTECTOR...

Designed to identify, protect, and assist in situations of risk, the TruWITNESS Real-Time Device creates an electronic shield, providing continuous real-time command center and neighboring device communication for enhanced collaboration between law officers, agents and the control room operators.



BUILDING SMARTER, SAFER CITIES.



MAIN FEATURES & CAPABILITIES



SUPERIOR IMAGE wide scene captures with up to 124° horizontal field of view, recording and streaming full HD video, excellent low light performance up to 0.001 lux.



STREAM LIVE VIDEO, AUDIO AND GPS location data to the VMS, for real time situation awareness. All the TruWITNESS units are displayed and accessible on the VMS map in real-time.



WEARER-TRIGGERED ALARMS and associated events with live video, audio and GIS location. Enabling real-time event handling with full situational awareness by control room operators.



NEIGHBOR AWARE™ Interaction between different devices, creating an IoT network between the devices allowing to trigger nearby units, share location and metadata, auto-stream and record from nearby devices and auto-direct nearby PTZ camera to the location of event.



PROGRAMMABLE CONOPS™ allowing to set different business logic profiles such as recording profiles, pre-alarm recording buffer time, audio.



CYBER PROTECTION to the highest degree with AES 256-bit Cryptography (encrypted during content creation), Transport Layer Security, Comprehensive Device Hardening and Chain of Custody.



EVENT REPORTS all the alarms generated by users during the shift are automatically summarized in an event report that is ready to use by the time that the shift is over, fully accessible and managed through the VMS.

TruWITNESS SPECIFICATIONS



Onboard Recording	Video: 1080p 25 fps H.264 Main profile Audio: Advanced Audio Coding (AAC)
Recording Capacity	24 hours (under 2350 kpbs)
Battery	Up to 12 hours
Location	GPS/GLONASS/Galileo
Real-time Streaming	Video: H.264 Main profile Audio: Advanced Audio Coding (AAC)
Real-time Communication	Built-in Cellular (4G / LTE Support)
LED On Screen Display	Battery Level (%), network signal strength, Recording, Streaming and Event information
Weight and Dimensions	Sensory: 31g, 25*26*79 mm PCS: 290g, 80* 122* 30 mm
Temperature Range	14° F to 113° F (-10°C to 45°C)
Weather Protection	Sensory IP55 (rain, dirt, dust)
Warranty	1 year

CHARGING HUB



Battery Charging	6 hours full charge
Data Sync	Up to 60:1 offload rate
Automatic Device Update	Firmware, Software
Input Power	PoE (90w)

ASSIGNMENT STATION



- Dedicated application for user assignment
- Display details by device and by user
- Plug-n-play NFC pad (wire-free, power-free)
- Automatic business logic profiles (BLP) updates

TruWITNESS APPLICATIONS



LAW ENFORCEMENT

- Protects the protector and the community by documenting incidents with Point of View video/audio
- Provides for a smarter, safer, city through enhanced real-time situational awareness by intelligently leveraging both fixed and mobile assets



SECURITY AND OPERATIONS

- Protect employees, facilities and assets
- Improve operational efficiencies by providing for a means of accurately documenting maintenance issues, safety hazards and potential liabilities



HEALTHCARE

- Acts as a deterrent to protect medical personnel
- Provides next level care in emergency situations by pairing doctors with first responders via live video/audio feeds



TRANSPORTATION

- From city bus to school bus, freight train to commuter train, limousines to taxis
- Enhances operational efficiency, limits liability and improves employee and customer safety through a network of Smart Sensors deployed on drivers, conductors, security and maintenance personnel