



**Homeland
Security**

Science and Technology

Highlight

U.S. Department of Homeland Security



System Assessment and Validation for Emergency Responders

The U.S. Department of Homeland Security (DHS) established the System Assessment and Validation for Emergency Responders (SAVER) Program to assist emergency responders making procurement decisions.

Located within the Science and Technology Directorate (S&T) of DHS, the SAVER Program conducts objective assessments and validations on commercial equipment and systems, and provides those results along with other relevant equipment information to the emergency response community in an operationally useful form. SAVER provides information on equipment that falls within the categories listed in the DHS Authorized Equipment List (AEL). The SAVER Program mission includes:

- Conducting impartial, practitioner-relevant, operationally oriented assessments and validations of emergency responder equipment;
- Providing information that enables decision makers and responders to better select, procure, use, and maintain emergency responder equipment.

Information provided by the SAVER Program will be shared nationally with the responder community, providing a life- and cost-saving asset to DHS, as well as to federal, state, and local responders.

The SAVER Program is supported by a network of technical agents who perform assessment and validation activities. Further, SAVER focuses primarily on two main questions for the emergency responder community: "What equipment is available?" and "How does it perform?"

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Visit SAVER on the RKB Web site:

<https://www.rkb.us/saver>

Wireless Surveillance Cameras

Wireless surveillance camera systems are often used in law enforcement applications to provide monitoring and surveillance video. Additionally, the systems can be used in emergency situations to capture video of rescue and recovery efforts. The systems capture live video and transmit it over designated radio frequency (RF) bands for viewing and/or recording. The cameras can be mounted in locations where cabled surveillance camera systems are not possible, giving designers and operators more freedom and flexibility when implementing systems.

To assist emergency responders in selecting the right wireless camera surveillance systems for their jurisdictions, the Space and Naval Warfare Systems Center (SPAWARSYSCEN), Atlantic, has prepared a series of documents for the SAVER Program. The *Wireless Surveillance Camera Systems TechNote* details the types of surveillance systems, advantages and disadvantages, and performance considerations. The *Wireless Surveillance Cameras Market Survey Report* provides a snapshot of the current commercial marketplace for wireless surveillance cameras.

All reports will be placed on the SAVER Web site (<https://www.rkb.us/SAVER>) as they become available. Information on other technologies can also be found on the Web site.



**Wireless Surveillance Camera with
Built-in Transmitter and Antenna**