TAK-ENABLED SNIPER & SURVEILLANCE (T-SAS)

The TAK-enabled Sniper & Surveillance (T-SAS) System is a solution for use by tactical operators engaged in fast-paced front-line operations. It brings real-time situational awareness from the eye of the Spotter across the Chain-of-Command.

T-SAS combines the latest digital optics technology with the power of Team Awareness Kit (TAK) to deliver live video from their scope to command posts or other team members with minimal setup. The system is bearer-independent, allowing sensor data to be transmitted via data radios, cellular networks, Wi-Fi, or Ethernet. Once T-SAS is started, it begins broadcasting its GPS location, video feed, and callsign via Cursor on Target (CoT) messages to any TAK client using either TAK Mesh or TAK Server modes.

The T-SAS sensor can be customized and integrated with any situational awareness system.

T-SAS OPTICS MODULE • PORTABLE TRANSIT CASE • EXTERNAL POWER INTERFACE

For more information contact
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// KEY FEATURES

- Fully portable rugged system for use in fast-paced tactical operation
- 2 Megapixel (MP) Camera mountable to any Rifle or Spotting Scope
- T-SAS ATAK 5.0 Plug-in
  - Enhanced Video Player for more modern streaming technologies
  - Sensor Management
  - Remote Camera Adjusting
  - Surveillance Mode for Multiple T-SAS

Video Feeds

- Encryption in Transits
  - Secure Video
  - Secure Remote Configuration
- Live Peer to Peer Video Streaming
- TAK Cursor on Target (CoT) Discovery Events
- TAK Communication
  - via TAK Mesh Mode
  - via TAK Server
- Transport Independent Solution
  - Ethernet
  - Data Radios
  - Cellular
- Power Sources
  - Shore Power
  - Internal Battery
- Low-Profile

Video Streaming

Supported Streaming Protocols:

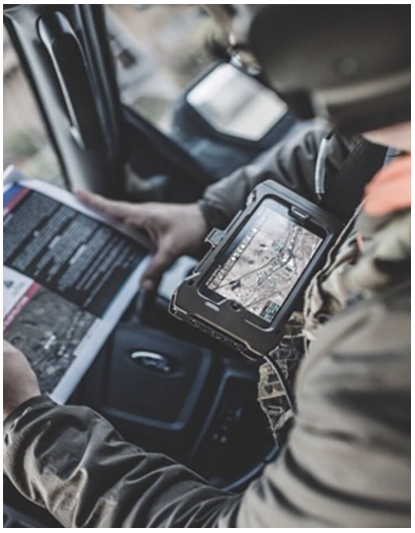
- RTSP / RTSPS
- LS-HLS

Resolutions

- Low Resolution: 400 x 300 (0.12 Megapixel)
- Medium Resolution: 640 x 480 (0.3 Megapixel)
- High Resolution: 1600 x 1200 (2 Megapixel)

Specifications

- Camera Module Weight: 218.29 g / 7.7 oz
- Dimensions (H x W x D): 336 x 234 x 104 mm / 13.23 x 9.21 x 4.09 inches
- Kit Total Weight: 4.39 kg / 9.68 lbs



// BENEFITS

What the Sniper Sees, Command Will See Too

With the T-SAS Sensor's rifle camera mount, stationary snipers will be able to shorten their target confirmation process with Command, as Command will be monitoring the operation in real-time. Command will be able to give a green light for the shot immediately using either voice or TAK Chat with their ATAK device.

Remote Observation

T-SAS enables forces to remotely monitor high-risk situations without the ongoing presence of a spotter. Officers can simply deploy the sensor and, using any of the communication means—Cellular, Data Radios, or Traditional Internet Access—they can remotely monitor the T-SAS through KWESST's T-SAS ATAK Plugin in real-time, protecting officers from potentially dangerous situations while keeping them available for other critical tasks.

Evidence Gathering

With ATAK's built-in Video Recording capabilities, the operator can start video recording of the operation which can be used for their Reporting or Evidence Gathering process.