

HAWK SOLAR CAMERA

**24/7 solar-powered security.
AI detection. Remote visibility.**

HAWK is a solar-powered surveillance platform for sites that need 24/7 recording without trenching for power or a wired network. TS&L designs each system around coverage, sunlight, connectivity, and retention needs.



KEY BENEFITS



24/7 CONTINUOUS RECORDING

Reliable, continuous recording for review and evidence.



SOLAR POWER + BATTERY BACKUP

Independent power keeps your site protected without utilities.



CELLULAR REMOTE ACCESS

Live viewing and playback over cellular connectivity.



AI ANALYTICS

People and vehicle detection; other analytics by camera selection.



PTZ / MULTI-CAMERA COVERAGE

Up to 8 MP / 4K and 37x optical zoom on selected cameras.



TURNKEY DESIGN, INSTALLATION & SUPPORT

Site design, installation, setup and ongoing support.

BUILT FOR REAL-WORLD APPLICATIONS



CAMPUSES



PARKS



PARKING AREAS



UTILITIES



TRANSPORTATION
CORRIDORS

HAWK SOLAR CAMERA

System overview, software visibility,
and AI capabilities.



PLATFORM CAPABILITIES

Recording	24/7 continuous recording with remote live view and playback
Camera	PTZ, fixed, or multi-camera configurations based on coverage
Analytics	People and vehicle detection; other analytics by camera selection
Connectivity	Cellular LTE; site signal and data plan verified during design
Power	Solar array, charge controller, and battery sized to site load
Storage	Local recording capacity and retention sized to requirements
Integration	Cloud or VMS integration options, subject to configuration
Installation	Pole-mounted or site-specific mounting and enclosure design

AI & SMART MONITORING

- 
PERSON AND VEHICLE DETECTION
 AI identifies people, vehicles and other objects of interest.
- 
INTELLIGENT EVENT ALERTS
 Real-time notifications for configured events.
- 
SEARCHABLE EVENT REVIEW
 Quickly find and review video by event, object or time.
- 
REMOTE HEALTH & STATUS
 Monitor system health, power, connectivity and recording status.
- 
RULE-BASED ANALYTICS
 Customizable rules and analytics depending on camera selection.

POPULAR HAWK CONFIGURATION OPTIONS

- 
PTZ COVERAGE
 Up to 8 MP / 4K and 37x optical zoom on selected cameras.
- 
WIDE AREA VIEW
 360° multisensor coverage can complement the PTZ.
- 
NIGHT VISIBILITY
 IR illumination and scene-specific low-light options.
- 
LOCAL RECORDING
 NVR configuration and retention matched to project scope.
- 
OPTIONAL ADD-ONS
 Strobe, siren, speaker and site-specific accessories.

**ENGINEERED
FOR YOUR SITE**



Solar panel wattage, battery autonomy, camera model, mounting height, storage retention, and cellular coverage are confirmed in the project proposal.