

ATNIS 215x



- Aircraft Counting and Identification
- Compact Portable Video Detection
- Low Cost Purchase or Lease Option

Video Based Compact Portable Aircraft Surveillance

AIRCRAFT TAIL NUMBER IDENTIFICATION SYSTEM 215x

- ▶ Can be setup and deployed in minutes anywhere in the world to accurately detect, identify and count aircraft.
- ▶ Multiple connectivity options to monitor events and connect to the Central Surveillance Database (CSD).
- ▶ Data export features allow a wide range of options to implement Landing Fee programs and data analysis.
- ▶ TTI has worked directly with Airports, State and Federal agencies for 5 years as a valued partner.

FUNCTIONALITY

- Passive Infrared (PIR) and Optical Sensors detect Targets and turn on system functions..
- ATNIS Optically Detects, Analyzes and Categorizes targets as Aircraft, Vehicle, Person or Animal.
- Software analysis determines Target Features and Identifies Aircraft by Registration Number.
- Global Positioning System (GPS) and Compass data are used to locate Target and Heading.
- Interactive Maps and Directional Switch are used to indicate Aircraft Take-off or Landing.
- Video and Metadata are stored locally and uploaded to the Central Surveillance Database (CSD).
- CSD calculates a Confidence Value and assigns the Target a Percent Probability of Correctness (PPC)
- CSD checks Aircraft ID against public databases and compares Aircraft Features in CSD database.
- ATNIS is a fully software automated system for data acquisition, aircraft identification and status monitoring.
- Search features allow accurate reporting of aircraft types, model, weight class, engine, N-number etc...
- Reports of aircraft movements can automatically export to Excel for use in billing applications and analysis.

BENEFITS

- Provides operators 2-D and tabular views of data for accurate real-time aircraft counting.
- Battery power, solar and connectivity options allow temporary or permanent deployment anywhere in the world.
- Secure Web Services Architecture enables simultaneous users from any location.
- System has passed Vulnerability Assessment testing by Department of Homeland Security (DHS).
- Provides Airports, States and Federal Agencies with accurate data to assess airport utilization and planning.
- Resolves Portability and Cost barriers identified in ACRP Report 129.

// The TTI ATNIS system provided many features beyond our expectation. Within the first two months of using ATNIS, we were shocked to see how many aircraft movements were occurring at our airport. This data is exactly what the FAA is looking for to authorize our grant request.”

- Kevin Stephenson, Canton-Ingersoll Airport



Telecommunications Technology, Inc. • 1784 Heritage Center Drive, Suite 204 • Wake Forest, North Carolina 27587

919.556.7100 • sales@ttiwaspc.com • www.ttiwaspc.com