300M FACE RECOGNITION SYSTEM

FACE IDENTIFICATION AT-A-DISTANCE

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The **Facial Recognition at a Distance System** can collect and match unconstrained faces from individuals at ranges up to 300 meters in daylight conditions. Images that are seamlessly extracted from the streaming video will be automatically matched against a database of millions of individuals, with or without a network connection to remote computing resources. The system is built around a commercial off-the-shelf lens, a connected laptop computer and the highest-rated U.S.-made facial recognition algorithm, which was designed for unconstrained, low resolution imagery. The operator points an internally-stabilized lens toward the person or people intended to be matched. The system will then automatically extract and match all faces that appear in the streaming video and visually alert the user when persons match to an enrolled individual in the database or to an on-board watchlist.

FEATURES & BENEFITS

- Fully automated facial recognition system that runs on Windows
- Integrated laptop or tablet display allows the operator to orient the camera towards the person(s) to be surveilled
- Autofocus, auto exposure and vibration reduction ensures optimal face image quality
- Continuous identification even with off-pose images, hats, facial hair, eyeglasses, and sunglasses
- Provides the operator the ability to enroll individuals on the fly
- Match results and meta data displayed on the laptop or tablet
- The capability has application to military, border security and law enforcement missions
- Secure Planet has deployed several hundred biometric matching systems that are used in communications-disadvantaged environments