



***A TRIPOD IS RECOMMENDED
WHEN CAPTURING IMAGES
BEYOND 100 METERS**

The **MSFRS** can collect images of unconstrained faces of persons at ranges between 5 and 350 meters in daylight conditions. The system is built around an internally-stabilized Commercial-Off-The-Shelf telephoto lens and Digital Single Lens Reflex camera, and a smart phone that provides the Graphical User's Interface, display, and computing power. The integrated facial recognition algorithm used in MSFRS is the highest rated U.S. made facial recognition algorithm and was specifically designed for high performance on unconstrained, low resolution imagery. The pictures are automatically transferred to the smart phone for face extraction and matching against a database of known trusted persons or a watchlist of known threat individuals.

FEATURES & BENEFITS

- Fully automated facial recognition using the hand-held still capture system indoors and outdoors
- Using the integrated through-the-lens display, the operator orients the camera towards the person(s) to be surveilled and frames the image with optic zoom
- Autofocus, auto exposure and vibration reduction ensures optimal face image quality
- Captured still imagery is automatically sent to the smart-phone processor and matched against a watchlist of 1 million faces with no connectivity
- Match results and meta data are displayed on the smart-phone or tablet

ADDITIONAL INFORMATION

- MSFRS system is comprised of 100% commercial-off-the-shelf hardware
- The facial recognition algorithm was assessed by NIST as the best performing US-made facial recognition algorithm
- The capability has application to military, border security and law enforcement missions
- Wi-Fi or Bluetooth capable
- Secure Planet has deployed several hundred biometric matching systems that are used in communications disadvantaged environments