



# PIER 2.4

## PIER™ 2.4 Features and Benefits

- High Capacity Storage  
 Now with double the memory and storage, the PIER can hold a database of 200,000 iris templates (100,000 individuals) allowing for large watchlist remote identifications.
- Deployed Technology  
 4,000 PIER™ devices are in deployment throughout Iraq, Afghanistan, Bosnia and other areas of conflict.
- IP Configurable Device  
 Allows for quick and easy network connections and high speed data transfer.

## The Next Generation PIER

The Most Effective Means of Iris Identification Available

The PIER™ (Portable Iris Enrollment and Recognition) is a rugged hand-held device that allows the operator to enroll and identify individuals using the highly unique patterns and textures of the human iris. The PIER 2.4 can store a database of 100,000 individuals (both left and right eye) and quickly return the identity of the subject. When tethered to a PC, the device can identify an individual compared to a database of millions with extremely high accuracy.

### How It Works

The PIER 2.4 includes state-of-the-art lenses, a high-resolution video sensor, dual band illumination, and a bright LCD screen to capture an exceptionally high quality image of the iris. The iris industry standard L-1 Daugman 2Pi algorithm then processes the detailed information contained in the iris image and converts it into a binary template. The stored template is then used to quickly, accurately, and effectively identify an individual by matching a newly captured iris image to the onboard database. Due to the ease of use and speed of identification, the PIER is the most effective means of iris identification available.



### Deployments

Over 4,000 devices integrated or deployed by:

- U. S. Army, Battle Command Lab
- Navy
- Marines
- Army
- Other DOD and non-DOD Agencies
- U.S Law Enforcement & Corrections

