

# BM-ET100US

Authenticam™ Enabled by privateid™

Iris Recognition Camera for Information Security



Panasonic's Vision Systems' expertise, combined with Iridian Technologies' proven developments in Iris Recognition Technology, produce highly accurate, easy to use means of applying a wide range of current and future security requirements.

## The Gold Standard for Biometrics Recognition

Iris recognition is the most accurate, stable, scalable and non-invasive human authentication technology in existence. It offers significant advantages over other less accurate biometric identification methods, such as fingerprints, voice and facial recognition, hand geometry, and keystroke analysis.

The process is scientifically proven, user safe and operationally reliable. It offers state-of-the-art authentication, destined to replace tokens, PINs, and passwords.

Do your requirements focus around network security or electronic commerce transactions, or financial or healthcare data access, or government, public safety or justice environments?

Panasonic's Authenticam™ with Iridian's Private ID™ software provides the most cost effective way to ensure data access security and minimizes fraudulent activities in cyber communities.

## Biometric Data Security

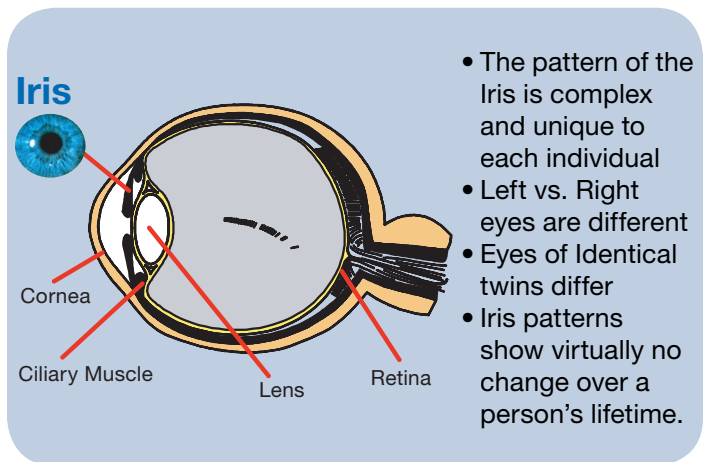
- Secure Password Replacement
- Corporate Domain Log-On
- Secure Extranet Access
- Internet Automated Banking
- Credit Card Authorization
- Health Record Management
- Secure Records Management

## Safe and Easy to Use

The recognition process begins with a video-based image of the iris of the eye. The Authenticam™ camera is the same as the video camera used to videotape your family.

Simply glance at the camera lens from 19" to 21" away and in less than 2 seconds, the image is captured. There is no invasive procedure. Eyeglasses and contact lenses are accommodated easily.

Private ID™ software processes the iris pattern to prepare it to be encoded into a 512 byte IrisCode® record. The records are stored and compared for other IrisCodes® for recognition in any transaction when a live iris is presented for comparison.



A key differentiator for iris recognition is its ability to perform identification using a one-to-many search of a database of an unlimited number of IrisCode records.

## Additional Functionality

### Multi-Function Dual Channel Camera

In addition to its primarily use for Iris Recognition, Authenticam™ can record video email messages and be used to participate in LAN/WAN and internet-based video conferences.

Authenticam™ also can provide increased security measures with motion detection surveillance software.

Using the Authenticam™ obviates the need for conventional passwords and will pay for itself by eliminating the need for password maintenance.

## Computer System Requirements

- Windows 98, Windows ME, or Windows 2000
- 266 MHz MMX or equivalent CPU
- 64 MB RAM, 17 MB free hard disk space
- CD-ROM Drive (for software installation)
- VGA minimum resolution
- One available USB port

## Camera Driver

WDM Compliant (Windows Driver Model) Camera driver is compatible with standard Windows imaging applications

## Bundled Software



CD-ROM includes

- Private ID™ software (Iris Code® generator)  
Compatible with KnowWho Server
- **SecureLogon**—Local PC Iris Logon
- **Secure Folder**—Iris Folder Lock
- **SecureApp**—Restrict Access to Applications
- **Secure Session**—passes password information to internet Browser dialog boxes

**Power:** Power obtained from computer USB port

## Cable & Connector

- Standard Universal serial bus connector
- Harness length approx 1.8 m

**Warranty:** 1 year

## Standards

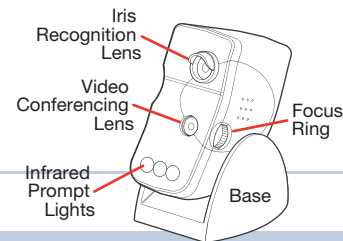
- Worldwide standards compliant
- FCC Class B
- CENELEC (EN 60825-1)
- ANSI RP-27.1-96
- CE Mark
- UL

## MECHANICAL/ENVIRONMENTAL

**Dimensions:** 42 mm (w) x 90mm (h) x 74mm(d)  
1 5/8" (w) x 3 1/2" (h) x 2 15/16" (d)

**Weight:** 160 g (0.35 lbs)

## IRIS CHANNEL



## Average Capture Time:

Identifies user in less than 2 seconds

## Acquisition Distance

19" – 21" from camera lens for Iris Imaging

## Self Alignment Interface

Simple Multi-color LED guides user to proper alignment position in front of camera

**Compatibility:** KnoWho™/Private ID™ architecture

## Position

Top of monitor or desktop  
(Optimal performance position is top of monitor)

## VIDEOCONFERENCING CHANNEL

## Image Sensor

Progressive scan CCD with VGA resolution

## Recommended Illumination

40 lux at f2:0 for optimum performance  
in videoconference mode

## White Balance

ATW Automatic or Manual control (selectable)

## Frame Rates

- VGA (640x480): 12.5 fps
- QVGA (320x240): 30 fps
- CIF (352x288): 30 fps
- QCIF (176x144): 30 fps

Specifications subject to change without notice

Do you know who is logged onto your network or accessing private information? Are you protected against the fraudulent use of your financial data? Panasonic's Authenticam™ camera with Private ID™ lets you know for sure.

Private ID™ software is Iridian Technologies' proprietary software that prepares the video image for conversion into a digital IrisCode® record. Because it works in single-factor authentication mode, and requires no other information in association with the record, it affords the ultimate in security and user privacy.

Authentication solutions for a new economy



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