

# Bioscrypt® VisionAccess 3D Enrol Cam™

3D face enrolment, verification (1:1) and identification (1:N)

The device is designed with Bioscrypt's advanced optical technology, structured light, and algorithms, utilizing a special projector and digital camera. The output of this equipment is both a 3D biometric template and a standard hi-res 2D color image.

## FEATURES

### Advanced 3D Technology

- Perform rapid, real-time matching and recognition.
- Overcome processing constraints common with other facial recognition technology.

### Fast

- Hi-res 3D enrolment is quick, only taking between 4 and 8 seconds.
- Authenticate instantly in under 1 second.

### Ease of Use

- Visual displays are used to aid in positioning.
- Wizards have been implemented for easy guidance.

### Deployment Options

- Equal recognition performance in light or complete darkness.
- Glance at the reader anywhere from 3-6 feet away for instant recognition.

### Non-Invasive

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### Global Standards

- Capture ISO/IEC CD 19794-5 standard 2D images for ePassports and Visas.
- 2D and 3D images are generated simultaneously and morphed for more precise matching.

### Door To Desktop

- The same 3D template is used for both physical and logical access.
- Common and familiar user experience for access to a building or computer.



# Bioscrypt<sup>®</sup> VisionAccess 3D Enrol Cam<sup>™</sup>

## TECHNICAL INFORMATION

### DIMENSIONS

Length: 292 mm (11.50")  
Width: 119 mm (4.69")  
Depth: 152 mm (5.98")

### TERMINAL BLOCK

Video – Three Composite (RCA), Reader connection- Pigtail, RS 485, USB for 2D texture camera (only on ICAO Model)

### VERIFICATION (1:1)

Enrollment Time: 4-6 seconds  
Verification Time: < 1 seconds  
(EER) Equal Error Rate (FAR=FRR): 0.1%  
Adjustable FAR and FRR

### IDENTIFICATION (1:n)

Enrollment Time: 4-6 seconds  
Identification Time: < 1 seconds  
False Acceptance Rate (FAR): User Adjustable  
False Rejection Rate (FRR): User Adjustable

### VOLTAGE

12 V DC

### CURRENT DRAW

Idle: 1.0 amp  
Max: 1.5 amps

### OPERATING TEMPERATURE

5° - 40°C

### CERTIFICATIONS

FCC, CE, RoHS

### SUPPORTED PLATFORMS

- PC Workstation is recommended (verses lap top.)
- Operating systems - Microsoft Windows 2000 Professional / XP Professional
- RAM - Minimum 512 MB - 1MB preferred
- Processor – Pentium 4, 3 GHz or faster, dual processor is supported.
- Hard Drive Size – Minimum of 5 GB of free space for image and template storage.
- Video Card with Dual Monitor support

## Ordering Information

### Standard Model

VisionAccess 3D EnrolCam – 3D and 2D synchronized image capture. Capable of enrolment, verification and identification. Works with VisionAccess SDK for custom built applications, **VisionAccess Admin Manager** and **VisionAccess ICAO Admin Manager**.

### ICAO Model

VisionAccess 3D ICAO EnrolCam – 3D and enhanced resolution 2D synchronized image capture. Complies with ISO/IEC CD 19794-5 for 2D image capture. Capable of enrolment, verification and identification. Works with VisionAccess SDK for custom-built applications, VisionAccess Admin Manager and VisionAccess ICAO Admin Manage.

### Accessories and Options

Both units ship standard with a tripod and all required power and cables for connection to a PC. An electronic Lifter is available for quick and easy adjustment to the unit.



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