BioIRIS

Dual Iris Capture Scanner

BioID Technologies' BioIRIS is an ultra-compact binoculars type iris scanner which is designed to rapidly authenticate the identity of an individual by using their iris image. The BioIRIS features with superior iris image capture and matching algorithms to ensure the best quality images and avoid false positives while maximizing true positive identification rates. With an unparalleled user interface, the BioIRIS performs high speed dual iris capture and outputs high quality ISO standards compliant images. The BioIRIS makes the enrollment easier for both subject and operator.

KEY FEATURES

- Intuitive system requires no training
- Superior iris image quality
- High speed dual iris image capture
- Supports liveness detection
- Optional tripod upon customer's requirement
- Lightweight and robust design
- Automatic iris detection and positioning
- Quick enrollment for large scale programs
- Meets and exceeds ISO 19794-6 standard
- Durable for any harsh environment

USE CASES

- Voter registration
- ID document issuance
- Law enforcement
- Large scale ID enrollment
- e-KYC application

TECHNICAL SPECIFICATIONS

Capture Mode	Automatic capture of dual iris images
Image Standard	ISO 19794-6, K1, K2, K3, K7
Resolution	500 dpi, 8 bit grayscale
Image Size	640 x 480 pixels
Capture Speed	Typically less than 0.4 second
MTBF	In excess of 50,000 hours
Image Format	BMP, JPEG, PNG, TIF
IR Illumination	Near infrared dual LED
Eye Safety Standard	IEC 62471
Inter-pupillary Distance	Covers from 40mm to 90mm
Weight	360g
Ingress Protection	IP64 rating
Interface	USB 2.0 High speed
Power Supply	5V via USB 2.0 (Cable length 2 meters)
Software & SDKs	Scan demo and essential APIs for integration
Operating Systems	Windows and Android
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity Range	10% to 90%, non-condensing