

CIS 202

High Speed Dual Iris Scanner



Features

- » Simultaneously captures dual irises
- » User-friendly goggle design that meets IP 54 rating
- » Unaffected by ambient lighting
- » Adjustable interpupillary distance
- » Compliant with NIST SAP Level 40
- » Compliant with ANSI NIST and ISO image interchange format
- » Meets safety standards for LED products
- » Easy-to-clean housing
- » Optional IP 65 hardened housing available

CIS 202 is the latest Iris Scanner from 3M Cogent. This rugged dual iris capture scanner offers a robust yet low cost solution for rapid and simultaneous iris capture in less than two seconds. This USB-powered scanner enables users to safely capture high resolution iris images, while eliminating intrusive capture position or user discomfort.

Compliant with NIST SAP level 40, CIS 202 has near infrared illuminators, LED lighting, and built-in spectral imaging sensitivity control to capture light in the range of 700-900 nanometers. CIS 202 image output meets industry interchange format specifications by supporting ANSI NIST Type-17 records, with raw images conformant to ISO 19794-6 rectilinear image standards.

Enclosed in a durable and adjustable casing that meets IP 54 rating, CIS 202's sturdy, hand-friendly goggle design is ideal for biometric application such as civil registry enrollment, biometric document issuance, applicant identification, border control, and inmate release management.



Simultaneous Iris Capture

CIS 202

Technical Specifications

Operating Distance:	120 to 140 mm
Depth of Field:	+/- 7.5 mm
Object Size:	39 x 25 mm
Iris Diameter:	>210 pixels
Spatial Resolution:	4.0 lp/mm at 60% or higher contrast
Capture Mechanism:	Dual Optical System for simultaneous capture of both iris images
Illumination:	Near Infra Red (NIR)
Weight:	0.56 kg
Dimensions:	142 x 120 x 64 mm
Power Input:	5 V DC via USB
Power Consumption:	500 mA max
Operating Temperature:	0° C to 40° C
Storage Temperature:	-20° C to 70° C
Humidity:	10 - 90% non-condensing
Housing:	PC/ABS blend
Interface:	USB 2.0
PC Requirements:	Intel® Core™ 2 Duo 2.4 GHz or higher; 1 GB RAM or higher; 80 GB hard drive or higher; USB 2.0; Windows® XP, Windows® 7 (32-bit/64-bit), or Linux (32-bit/64-bit)
Certifications:	ISO/IEC 19794-6; FCC Class A; RoHS; IP54 compliant; USB-IF certified; WHQL; CE
Certifications for Eye Safety:	Class 1 LED Product; IEC/EN 62471 standards



Housing allows adjustment of interpupillary distance.



Lenscap doubles as gray card for calibration.

*Product specifications are subject to change without notice.

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