

Thales Cogent Iris Scanner CIS-202



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Product Description

The CIS-202 is a high speed iris image capture device that can simultaneously capture both irises in less than two seconds. 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, handfriendly goggle design is ideal for biometric application such as civil registry enrollment, biometric document issuance, applicant identification, border control, and inmate release management.

Features

- Simultaneous dual iris capture
- IP 54 rating, optional IP 65 hardened housing available
- 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

Specifications

Operating Distance:	4.72 to 5.51 in. (120 to 140 mm)
Depth of Field:	+/-0.295 in. (+/-7.5 mm)
Object Size:	1.31 x 0.98 in. (33.2 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:	1.23 lbs. (0.56 kg)
Dimensions:	5.59 x 4.72 x 2.52 in. (142 x 120 x 64 mm)
Power Input:	5 V DC via USB
Power Consumption:	500 mA max
Operating Temperature:	32° to 122° F (0° to 50° C)
Storage Temperature:	-4° to 158° F (-20° to 70° C)
Humidity:	10 - 90%, non-condensing
Housing:	PC/ABS blend
Interface:	USB 2.0