

Iris ID iCAM TD100

Iris Recognition and Face Camera



Description

The iCAM TD 100 is an iris recognition and face camera. Previous handheld iris recognition systems required significant cooperation and for a subject to remain completely motionless in order to capture high quality iris images. Iris ID has developed a series of algorithms which provide the capability to capture iris images while either the person or the device is in motion. This "iris in motion" capability helps to realize new horizons in market applications for the technology.



The iCAM TD 100 includes an optical system specifically designed to operate in perfect unison with the integrated high speed multi-sensor iris imager array. The iCAM TD 100 automatically processes and outputs high-quality ISO standards compliant iris images of a subject in less than one second as the device or the subject approaches the optimum capture distance.

Features and Benefits

Fully automatic dual iris image and quality analysis routines are available as a part of the Iris ID SDK API set for the field application of the iCAM TD 100. Iris and face capture are performed by the operator extending their arm from the face capture distance to the iris capture distance.

Face Image Capture

- The integrated framing function provides feedback for the capture of a properly formatted ISO/ICAO face image.
- Manual face capture with auto focus is also possible through the camera calls in the iData SDK sample application.
- An application developer can also use host based face finding to trigger the face capture automatically from the host processor.
- Face capture can be initiated through API or via the shutter button on the iCAM TD 100.

For any biometric scanner to capture and/or match, biometric software is mandatory - and does not ship with the scanner. Please contact sales@fulcrumbiometrics.com or call (210)257-5615 #1 to ensure you are compiling the best solution for your needs.

www.fulcrumbiometrics.com

Technical Specifications

Physical	Dimensions (W x H x D): 5.9" x 3.3" x 1.2" (150mm x 83mm x 30.5mm) Weight: 0.5lb (230 g) Operating Temperature: 32° F ~ 120° F (0° C ~ 50° C) Storage Temperature: ~4° F ~ 140° F (-20° C ~ 60° C) Humidity: 0% ~ 95% Non-condensing Operating Range: 14" (36 cm) USB 2.0
Iris Camera	Capture distance 330 +/- 20mm Face/Scene Capture: 1600 x 1200 2MP Image Sensor – 4.62 mm @ F# 3.2 Iris Illumination: Multiband IR Face Capture: ISO/IEC 19794-5 Standard Compliant Image Approximately 30"~ 36" from subject for proper framing LCD Display: 3.5" Color LCD/350 NIT
PC Requirements	Windows XP, Vista, 7 (32-bit)
Certifications	CE, FCC KC, Eye Safety, ISO Standard, KISA
Standards/Compliance	ISO/IEC 19794-6
Compatibility	Fulcrum Biometric Framework (FbF), VeriEye SDK, MegaMatcher SDK

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