



Iris ID has been producing commercial iris recognition systems since 1997. In thousands of locations, IrisAccess® authenticates the iris identity of more persons than all other iris platforms combined. Iris ID's rich experience in iris recognition is exemplified in the iCAM TD100.

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. The "iris in motion" capability helps to realize new horizons in market applications for the technology.

- High Speed Dual Iris Capture
- Compact and Lightweight
- Single Motion Automatic Iris and Face Capture
- Intuitive Operator Guidance System
- Standards Compliant Hardware and Software

Dimensions (WxHxD)	6.26" x 3.62" x 1.24" (159mm x 92mm x 31.5mm)
Weight	0.5lb (0.23kg)
Power Input	5VDC
Power Consumption	7W Max
Iris Capture	Automatic Dual Iris Capture Capture Distance 370 +/- 20 mm ISO/IEC 19794-6 Standards Compliant Image High Quality
Face/Scene Capture	1600 x 1200 2MP Image Sensor - 4.62 mm @ F# 3.2
Iris Illumination	Multiband IR 760 nm, 870 nm
Iris Enrollment	Less than 2 seconds for complete two iris capture Less than 8 seconds for complete transaction (includes face & iris)
Face Capture	ISO/IEC 19794-5 Standard Compliant Image Approximately 30"~ 36" from subject for proper framing

	Manual or Auto Focus available
Scene Capture	Manual or Auto Focus available through API
Sound	Software volume control level Audio files can be uploaded to iCAM TD100 Standard Iris ID sound files are loaded at a time of shipment
Video (Recording/Playback)	1600x1200, 800x600 resolution Supports H.264, H.263, MPEG4 format
Speaker	1W Xmm dia speaker SPL specification XX @ 1 meter
LCD Display	3.5" Color LCD / 350 NIT
Status Indicator	Blue Blinking - Start Up Blue - Power On Green - Identification OK Both Eyes Green Blinking - Identification OK One Eye Red - Reserved Red Blinking - Reserved
Shutter Button	Wake Up / Capture Face / Capture Scene
Meta Data	Available
Minimum Illumination (Face camera)	1 lux
Operating Range	14" (36cm)
Operating Temperature	32°F - 120°F (0°C - 50°C)
Storage Temperature	-4°F - 140°F (-20°C - 60°)
Humidity	Up to 95% non-condensing
Interface	High Speed USB 2.0
Equipment supplied with iCAM TD100	USB+Power Cable, 5VDC Power Supply 120/240VAC 50/60Hz
PC Requirements	Operating System: Window® 7/XP/Vista Processor: Pentium®4 1.6GHz or higher Memory: 512MB or higher Hard Disk: 5GB (Sample Applications) or higher