

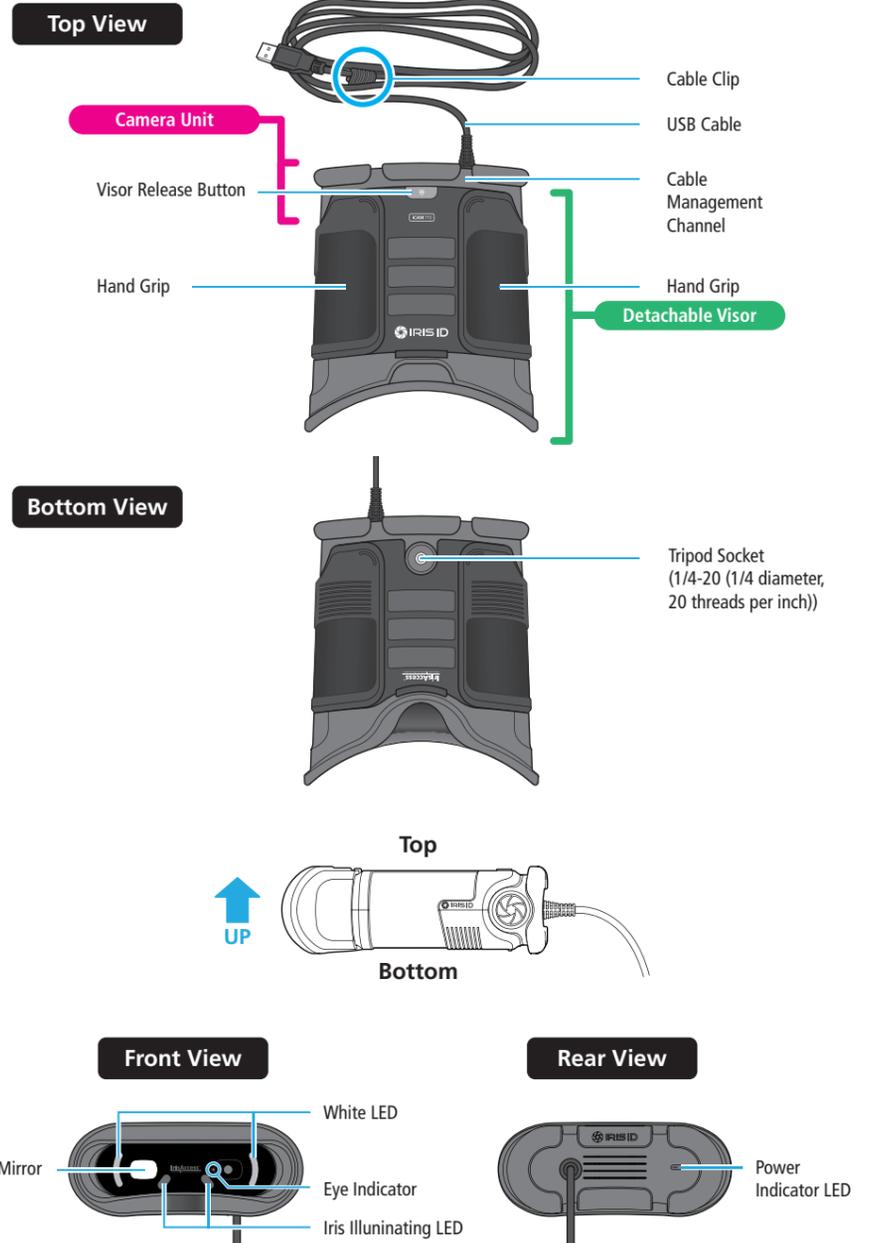
# iCAM T10 QUICK START GUIDE

VERSION 1.0



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## 4. Hardware Information



## 1. Features

- High Speed Dual Iris Capture
- USB Powered
- Orientation Sensor
- Compact and Lightweight
- Standard Tripod Mount
- Standards Compliant Hardware and Software
- Integrated Cable Management
- Detachable Visor for easy care/cleaning
- IP54 Compliant - Dust and Water Resistant

DUAL IRIS	USB 2.0	IP54
	TETHERED	



### High Speed, High Quality

The iCAM T10 performs high-speed dual iris capture and outputs high quality ISO standards compliant images. Both eyes can be simultaneously imaged utilizing the USB2.0 interface. The T10 provides an unparalleled intuitive user interface, which makes the process easier for the subject and operator. The T10 is also equipped with an orientation sensor and left and right iris capture management controls which can be selected prior to or during the process.

### IP54 Reliability and Certifications

The iCAM T10 conforms to IP54 standards for water, humidity, and dustproof resistance which increases in field reliability and security. The elastomeric material and design of the T10 further enhances its durability allowing for easy cleaning and maintenance. The T10 meets or exceeds CE, FCC, Eye Safety, and industry certification standards.

## 2. Packing List

### What's in the Box

- iCAM T10
- Quick Start Guide
- Cleaning Cloth



## 3. Minimum Requirements

### Items Required for Use of This Product

Required Equipment (not provided by Iris ID)

- Windows based PC (Windows XP (32-bit) / Windows 7 (32-bit) / Windows 7 (64-bit))

Minimum Computer requirements

- Microsoft Windows XP (32-bit), Windows 7 (32-bit), or Windows 7 (64-bit) OS
- 512MB RAM (or higher)
- x86 Processor, 2.0 GHz (or higher)
- 2GB available HDD space or above
- Microsoft .NET Framework ver. 3.5
- Mouse, SVGA Monitor, Keyboard
- Dedicated USB 2.0 port

**NOTE** An available and dedicated USB 2.0 compliant port is recommended to properly operate the iCAM T10.

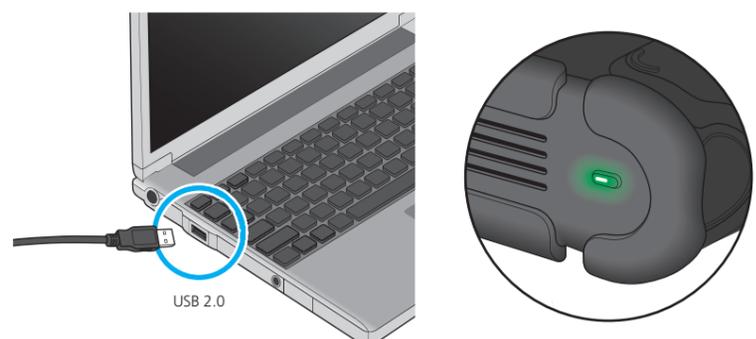
## 5. Software Installation

Please visit [www.irisid.com/software](http://www.irisid.com/software) iCAM T10 software



## 6. How to Connect

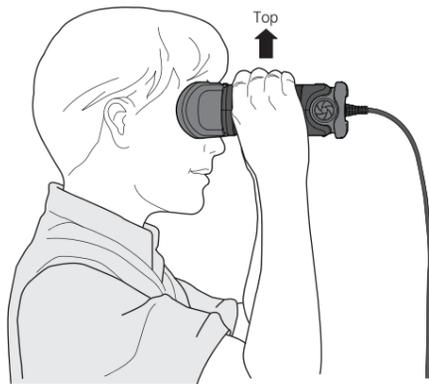
- 1 Install Software / device driver (as shown in part 5)



- 2 Connect the T10 USB cable to the USB port of the computer. Verify that the Green Power Indicator LED is illuminated (to confirm proper power and connection).

## 7. How to Operate

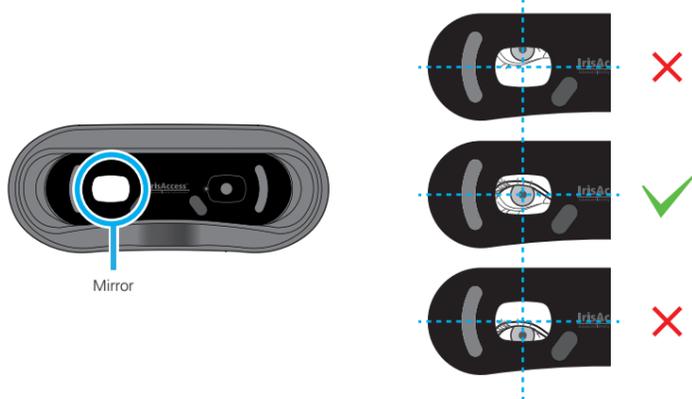
- 1 With the top of the unit facing up, gently hold the hand grips located at either side of the visor. Place the T10 in front of your eyes so that it is centered between the bridge of the nose and forehead as shown below.



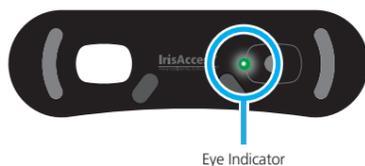
**NOTE** This product contains a built-in orientation sensor to assure proper usage. If the T10 is in an improper position for usage, (upside down) the unit will beep repeatedly until the correct orientation is restored.



- 2 With the visor in position, look straight into the unit so that the left eye is centered in the mirror. (During the enrollment process the eyes should be open as wide as possible until the capture process is completed)



**NOTE** If looking into the mirror with the left eye is not possible; the user may look with right eye straight at the internal green LED eye indicator. The device operator may assist during this process.



## 8. Detachable Visor

T10 contains a detachable visor. The visor may need to be detached in order to clean the device of any dirt and debris, or for visor replacement. To remove the visor (for purposes such as cleaning), press and hold the visor Release button while pulling the camera unit from the visor.

- 1 Hold T10 with both hands and locate the visor release button.



- 2 Press and hold the visor release button while gently pulling the camera unit from the visor until both visor and camera unit are completely separated.



## 9. Cable Management

- 1 Locate the cable management channel at the top corner. Gently place the cable into the channel. Wrap the remaining cable length around the body of the unit.



- 2 Use the cable clip to secure the end connector of the cable to the rest of the unit.

## 10. Cable Replacement

T10's USB cable has been designed so that it can be replaced in the event of breakage or failure. Follow the instructions below to replace.

**NOTE** Removal and replacement of the T10 USB cable should only be performed by qualified technicians. This process should be performed in a clean and static free environment.

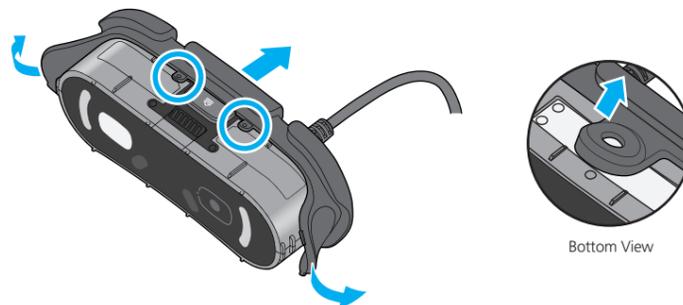
Spare or replacement cables may be purchased through an authorized IRIS ID partner or re-seller. (Reference IRIS ID Part# T10USB)

### Procedure

**NOTE** Disconnect the USB cable from the computer USB port before attempting to perform the following cable replacement process.

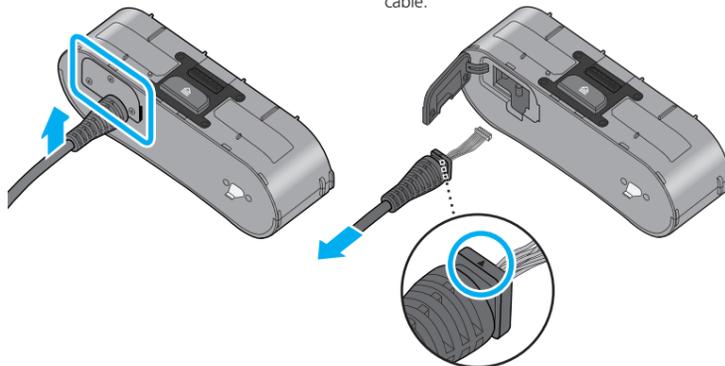
- 1 Remove the rubber housing from the camera unit as shown in the following image(s).

**CAUTION:** The rubberized housing is stiff and may require some force to properly release from the grooves on the optical unit. For this reason, be careful not to drop or damage the optical unit while attempting to perform this process.



- 2 Loosen the screws on the back of the cable cover and open the cover.

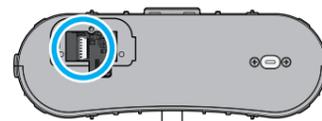
- 3 Once the cable cover screws are removed, carefully remove the cable cover by pushing up slightly on the cable.



Position cable orientation properly - Arrow facing UP

- 4 Disconnect existing cable (as needed) and connect the replacement T10 USB cable in the correct position and orientation (arrow facing up).

**NOTE** Failure to properly connect/disconnect the cable end to the camera unit can result in cable and/or camera unit failure. Use caution not to pinch the wires in the cable cover. \* To re-connect cable, follow these steps in reverse order.



## 11. General Information

The iCAM T10 is designed for use as an iris enrollment and recognition camera unit using a single USB cable for connection and power. The attached visor aids users with proper positioning and distance as well as reduces external lighting. The built-in orientation sensor prevents operation of the T10 while upside down or improperly rotated 180 degrees.

Dimension (W x H x D)	7.55" x 6.56" x 2.61" (191.7mm x 166.5mm x 66.2mm)
Weight	0.96lbs (438g / Camera Unit: 0.58lbs, Sun Visor: 0.38lbs)
Power Input	USB Bus Powered
Iris Camera	1.2MP Auto & Manual Dual Iris Capture with B&W Image Sensor
Iris Capture Range	4.92" (125mm)
Interface	High Speed USB 2.0
Indication	External Green LED for Power Indication & Internal Green LED for Right Eye Positioning. Beep Sound (Optional by Application)
Usability	Detachable Visor for cleaning the front window IP54 for Dust and Water Resistant
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 203°F (-20°C ~ 95°C)
Humidity	0 ~ 95% Non-condensing
Certifications	CE, FCC, Eye Safety

## 12. Technical Support

Additional information and technical assistance is available on the Iris ID support web site at [www.irisid.com/supportservices](http://www.irisid.com/supportservices)



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