



Miles Research

Biometric Imaging



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How to Order:

Please contact info@milesresearch.com

Miles Eye Camera MEC-5 (24 megapixel)

A professional digital camera for precise imaging of the iris and sclera
24 megapixel Nikon Camera with Nikon 85mm macro lens (MEC-5-D3200-N85)

Newest Model -- (MEC-5-HCB):

All Kits Include:

- 24 MP Nikon D3200 + 16 GB SDHC
- 85mm Nikon Macro VR Lens
- 18-55mm Nikon Zoom Lens
- Special Iris Illuminator
- Airtight/Watertight Carry Case



Newest Side-Lighting Model -- (MEC-5-ASL):



Current Pricing (7/15/2012):

HCB: Hood-Mount Coaxial Biometric Illuminator (\$2700) – NEW – Best Value!

ASL: Adjustable Side Lighting Illuminator (\$3000) – For IPB Imaging

LCB: Lens-Mount Coaxial Biometric Illuminator (\$3200) – Classic

SCL: Single Central Lighting Illuminator (\$2500) – SIMPLE

FLO: Focus Light Only Illuminator (\$1800) – ECONOMY

Prices above are for systems with the 24-megapixel D3200

For systems with the 14-megapixel D3100: deduct \$200

For custom configurations or other combinations:

Please contact info@milesresearch.com

Features:

- Premium Nikon digital SLR with interchangeable Nikkor macro lens
- MEC-5: 24-megapixel images (6000 x 4000) – **Nikon D3200**
- Compact, Portable; Handheld operation with optional chinrest available
- Bright viewfinder image allows for easy focusing
- Works very well with Auto-Focus!
- Flash illumination is guided precisely to the eye via fiberoptic lightguide
- All pictures are illuminated via onboard pop-up flash and lightguide
- Optics are optimized for iris photography
- Useful for accurate imaging of the iris, sclera or any ½" diameter object
- Can take pictures, print them out, or play them back – all without a computer
- Accepts SD & SDHC Flash memory cards
- Can use the camera for other photography by mounting the included zoom lens (Nikon mount)

Use this camera for general photography!

Use this camera for recording HD movies:

Full HD 1920 x 1080/30p video capture!

Includes:

- Nikon DSLR camera with Nikon VR macro lens
- Nikon 18-55mm VR AF-S Zoom lens
Zoom lens for general photography included!
- Custom iris illumination system
- 16 GB high-speed SD Flash card
- High-speed USB 2.0 SD card reader/hub
- USB cord for direct computer link
- A/V cord for direct audio/video playback
- Two Nikon camera batteries
- Nikon Camera battery charger (120-240 VAC)
- Airtight, watertight carry case (17" x 14" x 8")
- Weight is 14 lbs with all components included.

Options:

- Chinrest/Camera Support -- CRCS-FH4 -- (\$1200)
- Chinrest/Camera Support -- CRCS-TTB-AF -- (\$450)
- See [more info below](#)

Newest Miles Eye Camera

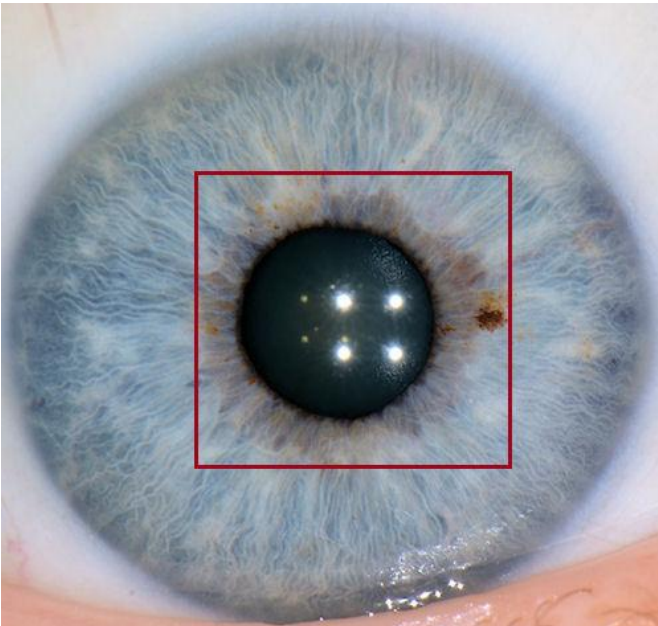
Hood-Mount Coaxial Biometric Lighting

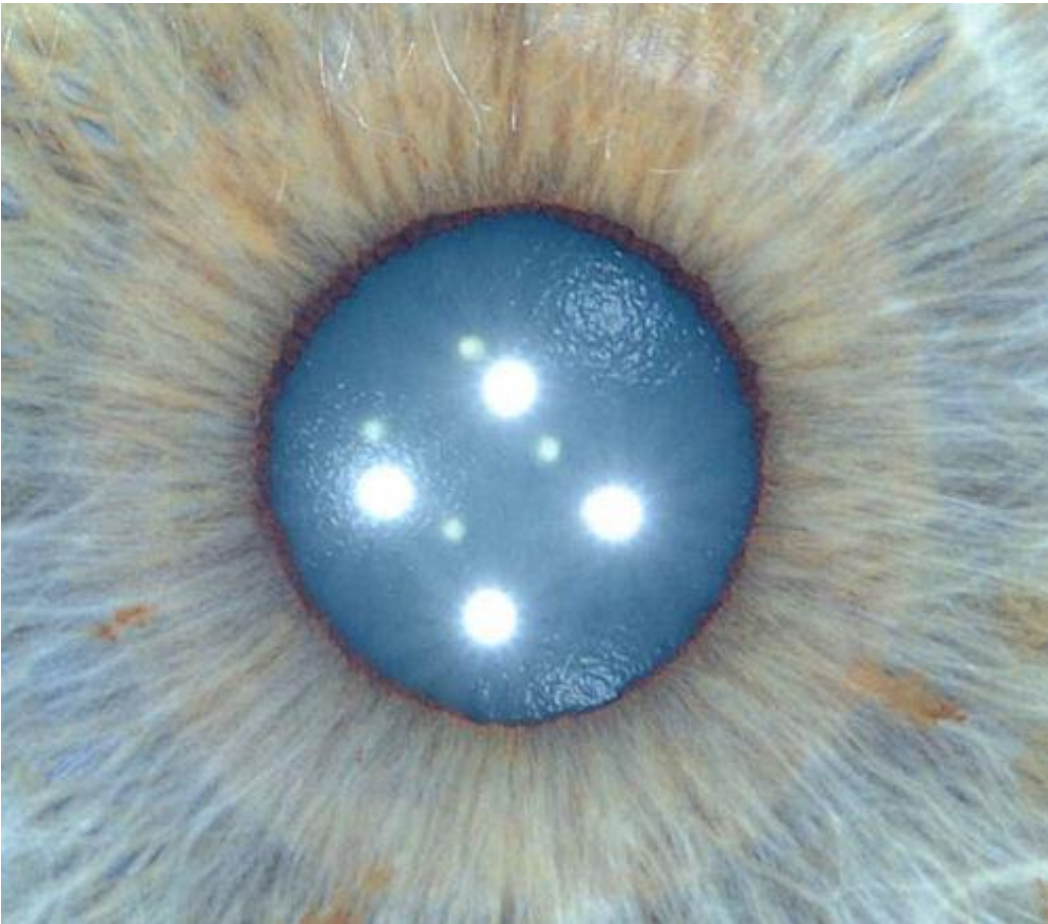
(MEC-5-HCB)



Compatible with all hood-mount illuminators! Designed for the Nikon 85mm macro lens.

Sample image detail using the HMCB Illuminator with autofocus, self-taken:





Newest Side-Lighting Camera

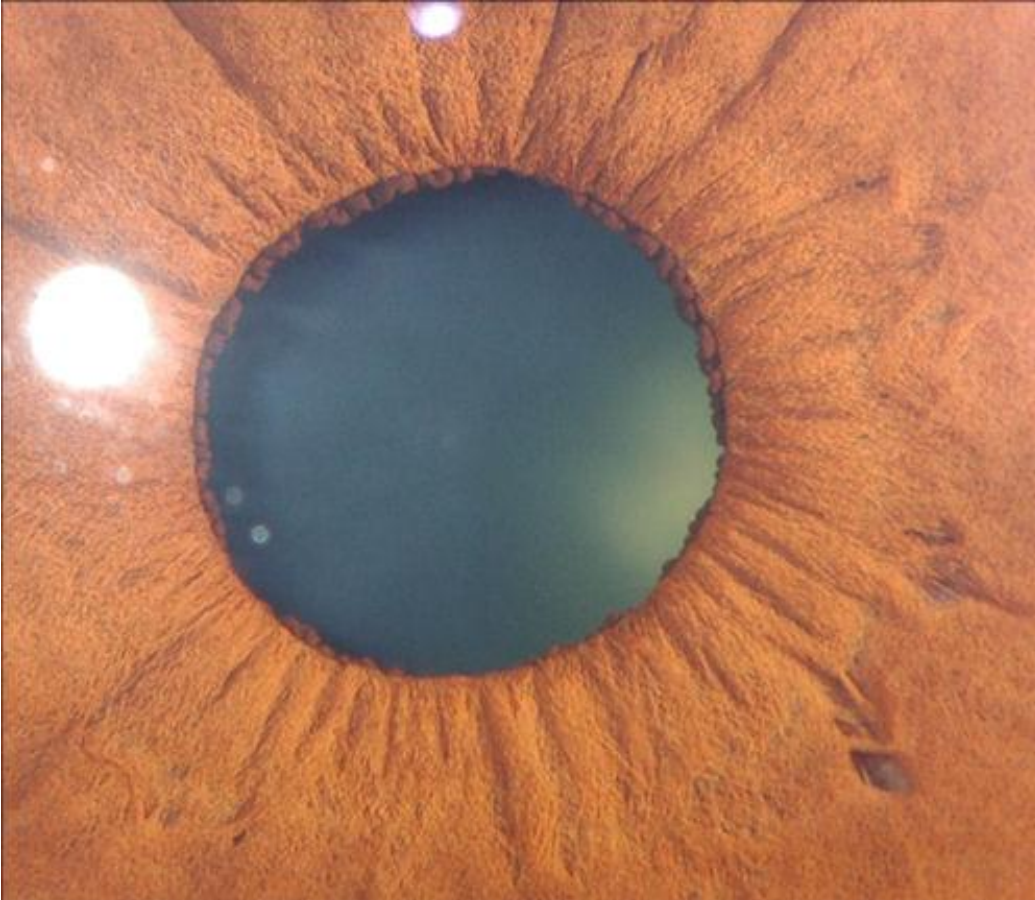
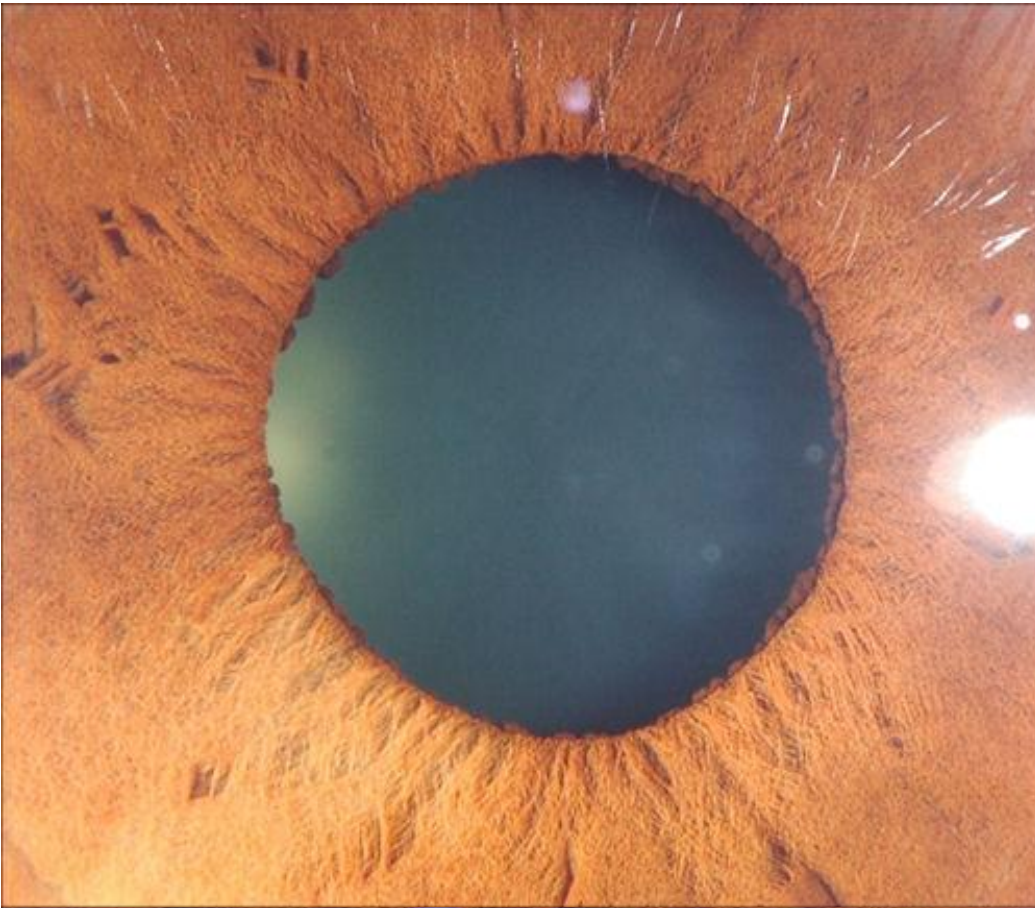
Adjustable Side Lighting

(MEC-5-ASL)



Setup for
IPB imaging of RE:
80 degree (L)
20 degree (R)

The following two images were taken using the ASL Illuminator with a 6 megapixel D70:



Economy Miles Eye Camera
Single Central Lighting
(MEC-5-SCL)



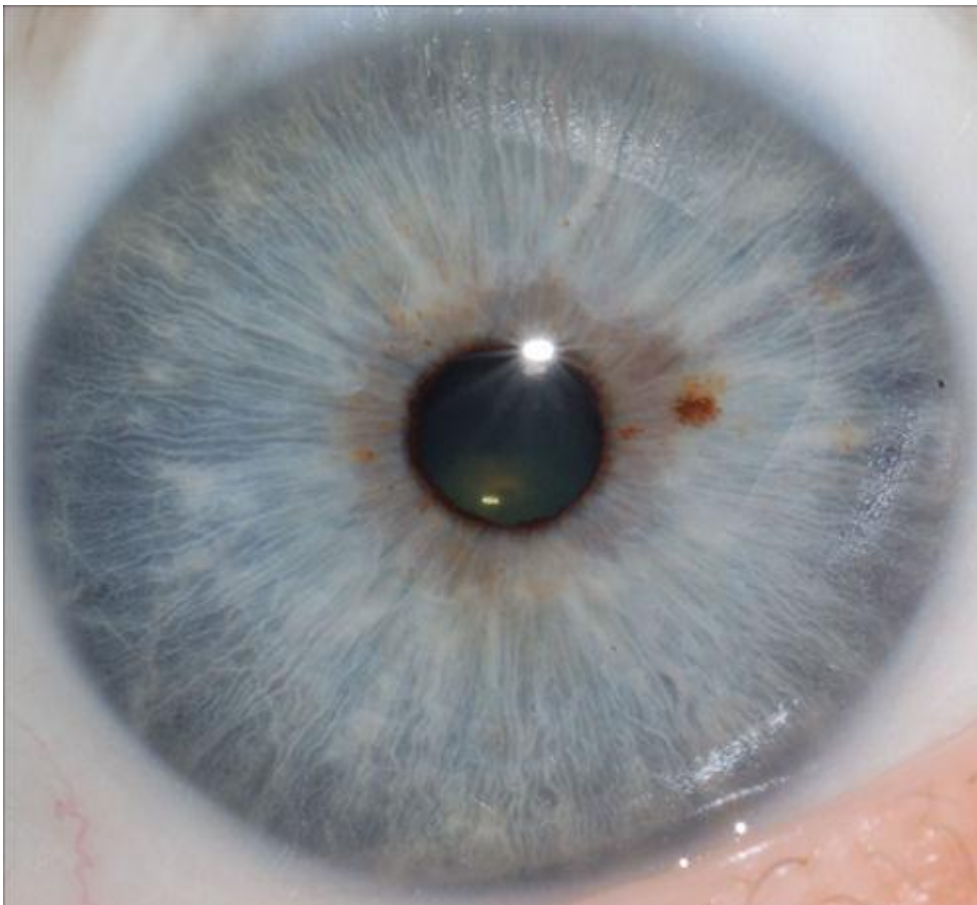
Central Lighting at its simplest!



Basic Miles Eye Camera
Focus Light Only
(MEC-5-FLO)



The most basic type of iris camera -- with an upgrade path! (compatible with all illuminators)



How to Use the Miles Eye Camera with HCB/ASL/SCL/FLO Hood-Mount Illuminator



1. Power on the camera (Top mode dial is set to "A")
2. Pop up the flash
3. Slide on hood-mount illuminator



4. Rotate hood-mount illuminator 90 degrees clockwise



5. Press focus light power button

You are now ready to take iris pictures!

Chinrest/Camera-Supports

[Catalog of Chinrest and Camera Support Products](#) (PDF, opens in new window)

CRCS-FH4 model Premium Professional Chinrest/Camera Support (\$1200):



CRCS-TTB-AF model chinrest for autofocus imaging (\$450):





The CRCS-TTB-AF chinrest easily breaks down into a 12" x 9" x 3.5" space for portability.

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