For how to attach Foto X to your camera, or to the Olympus M10 Mark III, refer to the back panel.

Overview

The Foto X Spacer can be turned clockwise and counter-clockwise to adjust focus. For most uses the Spacer should be adjusted to the -0- position such that the two white Focus Marks are aligned. At this Spacer position the camera lens' auto-focus system will allow for clear imaging of most dermoscopic features. *When using the Foto X visually, or when imaging deeper crevices, it may be necessary to adjust the Spacer position inward or outward from this –0- mark.*

Polarization

Power on the Foto X by tapping the Power Button. Foto X defaults to polarized lighting mode every time it is turned on. Tapping the Power Button again toggles between polarized lighting (24 LEDs on) and non-polarized lighting (8 LEDs on). *Polarized lighting allows viewing of deeper skin features, while non-polarized lighting is for viewing superficial skin features.*

Brightness Adjustment

Lighting can be adjusted between four brightness levels by tapping the + or – on the Brightness Button. For typical use, the #2 or #3 brightness level provides enough light while prolonging battery life. The Foto X remembers the most recently used brightness setting.

Faceplate

The Faceplate can be removed by unsnapping at the Fingernail Notches at the end of the spacer. This is useful for non-contact imaging, such as when imaging lesions where blanching of blood vessels is of concern. The glass faceplate can be re-installed by snapping back into place.

IceCap®

The Foto X is compatible with disposable IceCaps for infection control. To use, push an IceCap over the Spacer with the Faceplate installed. To remove and dispose, simply pull off.

Charging

To charge your Foto X, plug the USB C cable into the charging port, and the other end of the USB cable into any USB port or USB charger (not included). *The four-level charge indicator illuminates with one to four LEDs to show approximate battery life remaining while the Foto X is in use and similarly, indicates approximate charge time remaining while charging.*

Attaching Foto X to Camera

Option 1: Threaded Connection

Foto X is set up to thread directly onto the Olympus camera lens using its integral 37mm filter thread. Thread it onto the camera by turning the Foto X clockwise against the camera lens.

Option 2: Magnetic Connection

Alternatively, you can magnetically attach Foto X to your camera lens, allowing you to capture dermoscopic and clinical photos (without Foto X attached) in quick succession. This setup requires using the included 37mm Magneti-Connect™ (MC) adapter and Ring Adapter (RA). Thread the 37mm MagnetiConnect adapter onto the camera lens, and thread the Ring Adapter onto the Foto X.
The Ring Adapter protects the 37mm threads on the FOTO X and aligns the Foto X concentrically with the camera lens when connected magnetically.
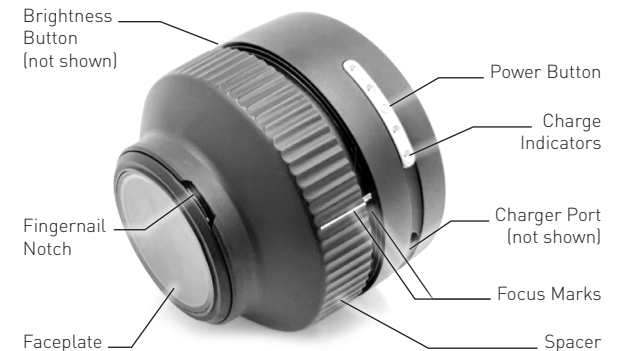**MagnetiConnect adapters for camera lenses with larger filter thread diameters are available from 3Gen or your 3Gen dealer. Simply refer to the filter thread diameter marked on the lens cap (e.g. 52mm).**

Ring Adapter   MagnetiConnect Adapter

DERMLITE
Foto X

QuickStart Guide

Suggested Settings for Olympus M10 Mark III

Brightness Button (not shown)
Power Button
Charge Indicators
Charger Port (not shown)
Fingernail Notch
Focus Marks
Faceplate
Spacer

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Suggested Settings for Olympus M10 Mark III

General Camera Settings	
Shooting Mode	Program (P)
Optical Zoom Setting	28mm
Control Panel Settings	
Focus Mode	S-AF+MF
AF Target	9 Target Group
Metering Mode	Center Weighted Averaging
ISO	Auto
White Balance	Auto
Face Detection	Off
Menu Settings	
Elec. Zoom Speed	Low
MF Assist, Magnify	On
MF Assist, Peaking	On
Reset Lens	Off

Shooting Mode: Program (P)
Set the shooting mode to Program (P) by turning the Mode Dial to [P]. In Program [P] mode, the camera automatically sets the optimal aperture and shutter speed while still allowing you to control other aspects of the shot. While [AUTO] and other shooting modes can be used with the FOTO X, Program Mode offers the best balance between ease of use while maintaining some control over the camera.
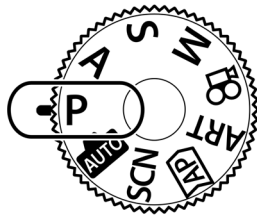
Optical Zoom Setting
Turn the Zoom Ring on the camera lens to adjust optical zoom. Setting your zoom lens to 28mm focal length while using the Foto X will fully fill the frame with the image while retaining a broad field of view. Lower or higher zoom settings may be used at your discretion.

Control Panel Settings
Press the [Settings Button] while the camera is in Program [P] shooting mode to access the control panel. Use the [Arrow Keys] to move the cursor to the desired setting and press [OK] to change that setting. Several important settings can be adjusted in the control panel.
NOTE: The control panel is not accessible while the camera is in [Auto] shooting mode.

ISO Setting: Auto
Allowing the camera to automatically set ISO typically results in the best balance between shutter speed and aperture while minimizing image sensor noise.
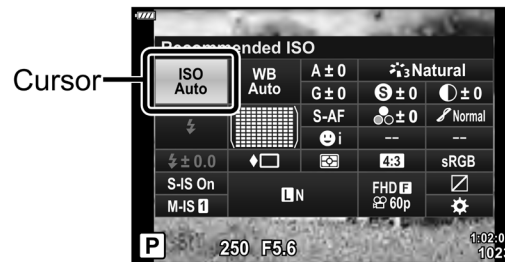
White Balance: Auto
Auto White Balance settings allows for proper white balance during both dermoscopic and clinical imaging.

Metering Mode: Center Weighted
Center weighted averaging makes the camera set exposure based more on the center of view, where dermoscopic features tend to be, rather than basing exposure on the full image frame.

Focus Mode: S-AF+MF
This is a combination autofocus / manual focus mode that allows you to autofocus the image by pressing the shutter button halfway down. While the shutter button is still halfway depressed, you can further fine-tune the focus by turning the focus dial on the Olympus Camera Lens. This is very useful when imaging areas with hair, as the camera tends to focus on the hair rather than the underlying features of the skin.

AF Target: 9 Target Group
The nine-target group forces the camera to autofocus only on the zone at the central area of view where dermoscopic features tend to be, rather autofocusing anywhere through the full image frame.

Face Priority: Off
Since dermoscopy typically does not involve capturing smiles and faces, the face detection feature can be disabled.

Menu Settings
Additional settings can be found by pressing the [Menu] button on the back of the camera. Navigate through the settings menu using the [Arrow Keys] and [OK] button until the desired setting is found.

Elec. Zoom Speed: Low
Selecting low zoom speed will allow more precise selection of the zoom setting.

MF Assist, Magnify: On
Magnify MF Assist causes a 10x magnified view to appear on the monitor when manual adjusting focus. This greatly improves ability to precisely focus on desired dermoscopic features.

MF Assist, Peaking: On
Magnify MF Peaking in focus features to be highlighted red when manual adjusting focus. This also greatly improves ability to precisely focus on desired dermoscopic features.

Reset Lens: Off
By setting this to Off, the camera will remember the last used zoom optical setting (typically 28mm), rather than defaulting to the fully zoomed-out position every time the camera is powered on.