OPTOMED AURORA® IQ Fundus Camera

173700

Which settings are best suited for veterinary applications?

- We recommend using MANUAL mode for animals, as their movement makes AUTO focus unreliable. Start with a focus setting of 0 or –1. Brightness should also be set to MANUAL. Depending on the animal and breed, brightness may range from 0.2, 0.4, 0.6 up to 0.8 for horses.

Can the AI analyze images of animals as well as humans?

- The AI function is currently designed for humans only. The algorithms are trained to analyze human retinal images, which share consistent features such as macula and optic disc position.
- Animal retinas vary significantly between species and breeds, making reliable AI analysis much more complex.

Must the camera be powered off to switch modules?

- No, it does not matter, as Aurora always calibrates automatically.

What is the IR option and when is it used?

- The IR (infrared) option is used in low-light conditions or to reduce reflections when imaging the eye.

How can I add more pictures to an existing patient file?

- Once a study is completed in Aurora, new pictures will create a new file. You cannot continue an old study within the camera.
- To combine studies from different sessions, you need the Optomed Avenue Archive software, which is a separate, paid application for a computer.

What is the total memory capacity of the camera?

- The camera has 16 GB memory (~13,000 images), but for best performance, store images on a PC; deleted files cannot be restored.

Can I review images and videos before saving them?

- Yes. Images can be reviewed immediately on the camera screen.
- With Quick Imaging Mode ON, the camera returns to live view right after capture.
- With it OFF (default), an instant preview appears where you can zoom, mark the eye (right/left), or delete the image.
- If no action is taken and you exit the preview, the image is saved without eye information.

Can images be saved as a series or only individually?

- Images are saved individually. You can review each image in preview, but the camera does not group them as a series.

Can multiple fixation points be marked during a retinal examination?

- Only one fixation target can be set per image. For animals, this is difficult, as they rarely stay still.

Can I zoom in on specific areas of an image?

- Yes, but only after the image is taken – in either the preview window or the image gallery.

Can I save data to a PC a few days after capturing it?

- Yes. Images remain stored in the camera until you choose to transfer them.
- After transfer, the originals stay on the camera.
- Regularly deleting files is recommended, as large volumes can slow down the device.

Are the same editing and saving options available for anterior (front of eye) imaging?

- Yes, the editing and saving options are the same for anterior eye images.