Virginia Eye Institute - Eye-Tracking Applications

For eye-tracking applications we offer a complete solution with our specific eye-tracking cameras including infrared LEDs and various camera mirror mounts.

Our video cameras can be safely used inside the bore during fMRI scans. They are very small and can be placed behind a semi-transparent mirror. The camera can then look through the mirror from the backside so that it does not irritate the patient. The mirror and the camera are held by an integrated mount directly attached to the head coil. The mirror can be used to view a presentation or a stimulus. Monocular and binocular eye-tracking is possible.

Our assembly ensures an absolutely easy and fast installation and a perfect camera adjustment. The equipment can be used together with all MRI scanners (no artifacts up to 9.4T). The hardware is compatible to the MRC eye-tracking software and also to other established eye-tracking software solutions.

For further information please check our website or contact us directly.
Selection of available camera mirror mounts. Further models on request.

- Siemens 12-channel
- Siemens 16-channel head/neck
- Siemens 20-/64-channel head/neck
- Siemens 32-channel
- Invivo 8-channel
- Invivo 32-channel (e.g. Philips Achieva)
- GE 21-channel
- GE 32-channel (MR Instruments)