



LOCARNA

Real world eye tracking

PT Mini

Physical Characteristics

Eye tracker glasses	30 g (1 ½ oz)
Data storage module mass	1000 g (2.2 lbs)
Data storage module dimensions	25 cm x 17 cm x 4 cm (10" x 7" x 1 ½")
Eye dominance	Left eye, right eye, or adjustable versions (Enquire for binocular versions)

Recording

Resolution	640 x 480 pixels at 30 frames / second
Battery life	Up to 3 hours between charges
Capacity	3 hours of storage between dockings with an external drive (USB 2.0)
Lighting	Any lighting condition (including the dark) Dynamically updates to changes in ambient light

PC Integration

Connectivity	USB 2.0
Operating system	Microsoft XP or Vista (also works with MacOS Bootcamp)
Special I/O boards	None

Eye Tracking

Accuracy	1° - 2°
Field-of-view	60°
Pupil detection	Augmented graphical cross hair on each video frame
Fixation detection	Augmented graphical circle on each video frame according to user specified angle and time thresholds
Logs	Detailed time stamps, pupil location, fixation data, and user specified tags for each video frame. Standard ASCII file compatible with almost any data analysis software such as SPSS, SAS, MS Excel, and Matlab.

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