PRODUCT SHEET

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EYE-ETV EYE TRACKING GLASSES SYSTEM

See also: EYE-ETV Manual

ETVision System	
Eye Tracking Technique	Dark Pupil – Corneal Reflection
Binocular	Yes
Gaze Measurement Frequency	180 Hz
Pupil Size Measurement	Yes
Parallax Compensation	Automatic
Accuracy	0.5 degrees
Calibration	Single Point, Multiple Point Modes
Outdoor Capability	Yes
Synchronization w/ External source	Available

ETVision Optics	
Color	Black
Removable Shield	Polarized, OD
Exchangeable Scene Lens	Yes, Standard 96° : 16x9
Prescription Glasses Compatible	Yes
Nose Piece Adjustment	Replaceable, 2 included
Scene Resolution	720p (1280x720) @ 30Hz
Microphone	Yes
Weight	56g

ETVision Controller	
Processor	ARM Cortex A9
Operation System	Linux
Storage Media	Micro SD Card
Nominal SD Recording time	128GB Typ. >2 Hours
Main Battery	Rechargeable Li-Poly Battery
Main Battery Life	>5Hrs
Power Adapter	9VDC
Headphone Jack	3.5mm
(Length x Width x Depth)	150mm x 80mm x 36mm
Weight (with Battery)	345g
Connection PTU to Laptop	Wi-Fi (802.11ac) LAN (Gigabit Ethernet)

ARGUS SCIENCE

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ETANALYSIS STIMTRAC MODULE

StimTrac Module ETAnalysis Licensed Feature Add-on for Existing Argus Eye Tracking Glasses Users

The StimTrac (Stimulus Tracking) Module adds exciting new data analysis technology for eye tracking mobile devices and computers! The new Stimulus Tracking analysis software module is the latest addition to the powerful ETAnalysis suite for Argus Science eye tracking glasses (EYE-ETV). Revolutionary software capability further automates and expedites data analysis for applications where gaze falls on stimulus device quick and easy with a near automated process!

This StimTrac licensed feature for the ETV software that comes with the EYE-ETV eye tracking glasses allows tracking of a single display and works with the ETRemote (supplied with Argus glasses) to present movies or images on the screen and sync with the data collection. This add-on also includes two sets of 4 vinyl fiducials.

COMPUTER SPECIFICATIONS FOR ETVISION SOFTWARE

To achieve the expected performance of the ETVision system, the following specifications should be met or exceeded with the associated computer:

- CPU: Intel i7-8750H (Intel Core i9 processor recommended)
- OS: Win10 Pro 64-bit (Please note ETVision is not available for Macintosh currently)
- Memory: 16 GB DDR4 RAM
- Wireless: 802.11ac
- Graphics: Nvidia GeForce RTX 2060 – 6GB GDDR5 memory*
- Features: 10/100/1000 LAN, 2X USB3, SD Card Reader, Audio (Mic & Speaker)

* The most critical specified component is the GPU, which should meet or exceed RTX 2060 performance. We also recommend the RTX 2070/RTX 2080 as well as the RTX 30 series (RTX 3060, RTX 3070 and RTX 3080), all of which include at least 6GB of memory. GPUs equipped with 4GB or less memory will not provide acceptable performance.