

The reactions of the autonomic nervous system to controlled stimuli provide objective methods for measuring changes in neuron performance due to conditions such as head injuries, strokes, thyroid deficiencies, PTSD, substance abuse, psychiatric or psychological disorders, and other physiological conditions.

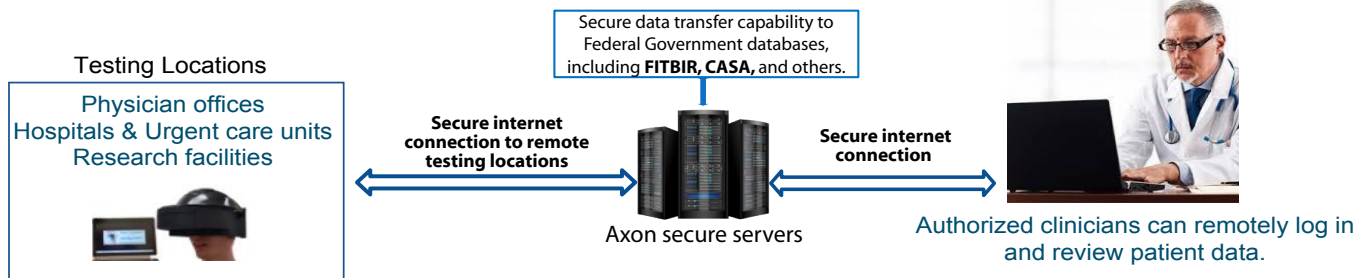
The **Intellig-EYES™** utilizes advanced pupillometry to measure and record **140 parameters** of the visual cortex cranial nerves response to patented controlled stimuli, detecting neurological deficits with or without baseline data.

Product Features:

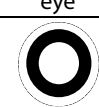
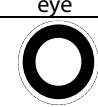
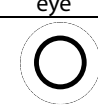
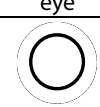




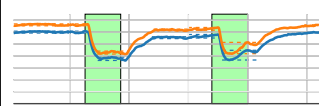
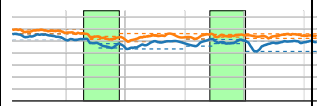
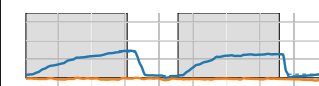
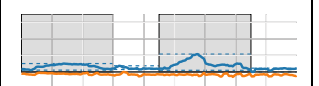
- o **Non-invasive and Easy to Administer:** Does not require verbal input from the patient (truly objective functional test).
- o **Rapid and Fully Automated:** Tests range from 30 to 87 seconds.
- o **Evaluates 140 parameters** related to the processing speeds of the optic nerve (CN-2) and oculomotor nerve (CN-3) for measuring **pupil response**, as well as the trochlear nerve (CN-4) and abducens nerve (CN-6) for assessing **ocular response**.
- o **Easy to Read Reports:** Web-accessible by authorized physicians and researchers.
- o **Lightweight:** 11 ounces, without cables.
- o **Accurate Measurements:**
 - o **Sizes:** In millimeters (mm) with ± 0.1 mm accuracy.
 - o **Velocities:** In millimeters per second (mm/s) with ± 0.5 mm/s accuracy.



Intellig-EYES™
Head-Gear



IntelligEYES™ Network Topology

Cranial Nerves	Description of measurement categories	Examples of graphical presentation of various measurements using Intellig-EYES™			
		Right eye	Left eye	Right eye	Left eye
CN- 2 , 3	Simultaneous left and right eye pupil size and its changes due to stimuli are displayed with an accuracy of +/- 0.1 mm. A 7-mm outer circle is displayed as a visual reference.				
CN- 2 , 3 4 , 6	Divergence and convergence pupil movements and velocities are measured and displayed in mm and mm/s with an accuracy of +/- 0.1 mm and +/- 0.5 mm/s.				
CN- 2 , 3	Simultaneous bilateral measurement of Cranial Nerves 2 and 3 response to patented controlled stimuli are displayed as graphs for rapid analysis and diagnosis.				
CN- 4 , 6	Unilateral response of Cranial Nerves 4 and 6 to the patented controlled stimuli applied to the Left eye				
CN- 4 , 6	Unilateral response of Cranial Nerves 4 and 6 to the patented controlled stimuli applied to the Right eye	