tobii dynavox

The power to explore my world

EM-12
with EyeMobile Plus

Your tablet-based speech generating device with eye tracking
for communication and computer access

Power to be You

Power to explore my world

The Medicare approved EM-12 with EyeMobile Plus eyetracking accessory provides individuals with physical and mobility challenges, such as spinal cord injuries or ALS, with the necessary tools to communicate effectively and gives them access to hands-free mobile computing. In addition, for touch users, the EM-12 can be ordered alone as a tablet-only solution.

The EM-12, which includes a Microsoft Surface Pro, durable case, and screen protector, comes pre-installed with our world-class communication software, Grid and Snap + Core First. Bundling these communication apps with an EM-12 creates a true tablet-based Augmentative and Alternative Communication (AAC) device that will grow with you as your needs change.

The EyeMobile Plus is sleek, lightweight, and seamlessly attaches to the EM-12. It features eye tracking functionality with the world's #1 eye tracker. On the back, two powerful speakers deliver excellent speech-optimized voice output and sound quality. In addition, the EyeMobile Plus, has its own battery supply and only draws from the tablet's battery once exhausted.

The combination of integrated hardware features, easy-to-use software, and lightweight portability makes the EM-12 with EyeMobile Plus an ideal device for communication and mobile access, that lets you move freely, even on the go.

Designed for independence

Engage with confidence

with a compact, all-in-one solution for communication and computer access – everything you need is combined into one stylish solution.

Be heard loud and clear

with two powerful, outward facing speakers that provide speech optimized voice output.

Familiar Windows platform

means less time learning how to use the device and more time communicating.

See the difference

with the world's #1 eye tracker that gives consistent accuracy and freedom of movement.

Tools for your journey

The robust combination of software, access methods, and features, make the EM-12 with EyeMobile Plus an ideal device for portable eye gaze communication and interaction.

Software solutions for your journey

Included with the EM-12 is Grid and Snap + Core First communication software. Together, these software titles provide a complete solution for communicating, regardless of whether you're a text or symbol user. Additionally, both titles offer the ability to enable computer access via eye tracking and meet you wherever you are on your journey. A version that includes Communicator 5, Compass, and Windows Control is also available.
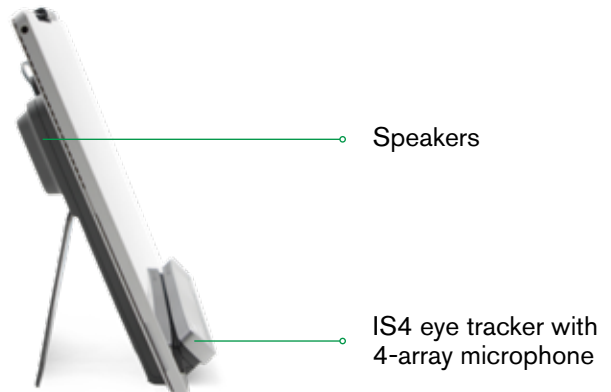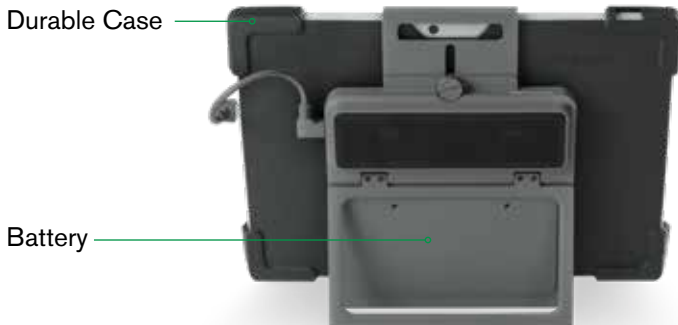
Multiple access methods

The EM-12 with EyeMobile Plus provides multiple input methods including eye tracking, voice control, switch input, and touch. The EyeMobile Plus features two switch ports for switch scanning as well as a built-in, high-quality 4-array microphone system which is optimized for speech recognition. Additionally, because of the microphones noise cancellation factor, voice recognition is still possible in noisy environments.

Getting started and customization are easy

In only a few steps, you can adjust the included software to fit your specific needs so you can spend less time on setup and more time communicating, navigating, and interacting. All settings and features are gaze-enabled, which gives you the ability to calibrate as well as change dwell time, users, and languages.

Ecosystem of support

Tobii Dynavox products and software are supported by a free ecosystem of resources for continuous growth and support that include Grid Command Library, Learning Resources, Pathways for Core First, Core First Books and Lessons, myTobiiDynavox, free online trainings, and more.

Durable Case

Battery

Speakers

IS4 eye tracker with 4-array microphone

Expertise and experience you can trust

We believe everyone deserves a voice, the opportunity to gain literacy, and to achieve independence. The EM-12 gives you the freedom to explore life on your terms, without having to worry about a device that limits where or how you communicate. Purpose-built to support portable communication, the EM-12 with EyeMobile Plus is the innovative result of a highly-experienced team from Tobii Dynavox made up of educators, clinicians, engineers, and professionals who are passionate about empowering others to reach their full potential and maintain independence.

Technical support and warranty

Service and support is easily available from one place, Tobii Dynavox, for all your EM-12 with EyeMobile Plus needs. EM-12 comes with a 2-year Support360 warranty, including device repairs (no questions asked), phone support, and 1 year Manufacturers Warranty. The EyeMobile Plus is also covered under the included Support360 warranty.

One additional year of Support360 is available for $499.

Product specifications

Tobii Dynavox EM-12

Tablet	Microsoft Surface Pro with Durable Case and Communication Software
Dimensions (w x h x d)	11.5" x 7.9" x 0.3" (292.10 x 201.42 x 8.45 mm)
Weight	2.1 lbs (950 g)
Operating System	Windows 10
Internet Access	WiFi
Ports	Full-size USB 3.0 MicroSDXC card reader Surface Connect 3.5mm Headset jack Mini DisplayPort Cover port
Battery Run Time	Up to 7 hours, normal usage. When idle, device lasts up to 11 hours.
Pre-Installed Software	Grid Snap + Core First

Durable Case

Dimensions Tablet with Durable Case (w x h x d)	13.8" x 8.3" x 0.6" (350 x 212 x 16 mm)
Thickness with Case at the middle of the tablet	0.4" (10.5 mm)
Weight	0.27 lbs (122 g)
Color	Black

EyeMobile Plus Eye tracking accessory

Type/Model	Tobii Dynavox EyeMobile Plus
Processing Eye Tracker Unit	Tobii EyeChip™ with fully embedded processing
Working distance	17.7" – 33.5" (450 – 850 mm)
Trackbox (w x h)	7.9" x 7.9" (200 x 200 mm) ellipse @ 450 mm 9.8" x 7.9" (250 x 200 mm) ellipse @ 500 mm 15.7" x 11.8" (400 x 300 mm) ellipse @ 650 cm 13.8" x 13.8" (350 x 350 mm) circle @ 650 cm
Frame rate	60 Hz
Mounting bracket	Built-in table stand for table top use. Tobii Dynavox QR adapter plate for Daessy and REHAdapt. VESA adapter plate available as peripheral.
Ports	2 × 3.5 mm Switch Connector Interface 1 × USB 2.0 1 × Micro USB 3.0 1 × 5 VDC 4.4 mm Barrel Power Connector
Microphone	Microphone Array consisting of 4 Microphones
Speakers	2 × 3.5W
IR Remote Control	Integrated IR module with library of preprogrammed devices*
Weight of bracket	1.5 lbs (680 g)
Dimensions of bracket (w x h x d)	6.69" x 7.87" – 9.05" x 1.77" (170 x 200 mm – 230 x 45 mm)
Tobii Certified Tablets	Microsoft Surface Pro
Battery Run Time	> 9 hrs normal usage
Power Supply	5 VDC 3A AC Adapter

*This device comes as a Dedicated setup. The Dedicated setup is designed specifically to run communication software only. The user will not have access to other applications, like environmental controls. This setup meets the "Speech generating device" requirements of Medicare, Medicaid and other insurers who generally follow Medicare's Speech Generating device guidelines.

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