HEXIS

Electronic Braille Reader for

Vembi TECHNOLOGIES

Hexis is an award-winning electronic Braille reader, thoughtfully designed to empower visually impaired children.

Designed from ground up, it has just four keys to download and navigate the content. It is light weight, designed for a child to carry it easily, is portable battery based design with long battery life.

Paired with Antara* a cloud-based software, Hexis converts any text content to Braille instantly, revolutionizing access to educational materials.

Benefits

- **Purpose-built** as a Braille reader for school children
- **Instant conversion** of any text content to Braille
- **Multiple Languages:** Supports all Indian languages and English
- **Enhance Learning:** Offers powerful analytics to track and enhance learning outcomes
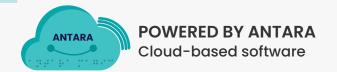- **Affordable:** Removes the need for expensive embossers, special paper, and software
- **Accessible:** Bridges the book accessibility gap, creating equal opportunities alongside sighted peers

Specifications

Recharge	*Recharge via Micro USB*
Display	*14/20-cell, 6-pin Braille display*
Wi Fi	*Wi-Fi content downloads*
Support	*English Grade-2 and Nemeth Braille support*
Portability	*Child-friendly handle for portability*
Capacity	*Built-in 8GB micro SD*
Keys	*Four intuitive keys: Open, Close, Next, Previous*
Languages	*Multi-language support: English, Hindi, Kannada, Tamil, Telugu, Bengali, Punjabi, Odia, Malayalam, Marathi*
Dimensions & Weight	*172mm x 165mm x 35mm (W x D x H), weight: 488g*
Warranty	*One year, limited parts and labour warranty*

POWERED BY ANTARA
Cloud-based software

Antara is a cloud software that converts any text to Braille. It could be textbooks, class notes, stories, and so on. Anantara enables special educators, inclusive school teachers and other caregivers to instantly convert content to braille and send to Hexis for Reading). Hexis-Antara solution addresses impaired children,

Eliminating the need for costly, time consuming Braille book printing, books are available on demand, fostering literacy and inclusion for visually impaired students. It is Browser-Friendly, Inclusive for Teachers, provides school-ready tools, multilingual Braille Support, smart assessments and powerful analytics.

Awards & Grants

Microsoft AI4A Grant
Microsoft

Elevate 100 Grant
Govt of Karnataka

YSE award
Singapore

Partners & Customers

Vision Empower Trust
Primary outreach partner

Centre for Accessibility in the Gobal South
Academic Research partner

Raised Lines Foundation
Outreach Partner

Touché Technology
Technology partner

Microsoft CSR India

Cognizant Foundation

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