

Extended Visual Assistant

for People with Vision Loss



There are an estimated 280-300 million people worldwide living with complete or partial sight loss. 80% of all visual impairment could be prevented or cured while 60 million of them are incurable. More than 20 million are living in the European Union alone.

People with vision impairment often feel socially isolated and have a difficult time self-navigating outside well-known environments.

EVA intends to be a solution to tackle this problem by understanding its wearer's surrounding ambience and by transforming visual information into spoken words. It can also give a seamless and safe indoor-outdoor navigation experience. EVA's natural user interface (NUI) lets users interact through spoken commands, gestures and touchpad.

READ - When instructed EVA reads out loud any text in front of the cameras.

SEE - The device recognises and narrates any object or any scene in front of the camera including banknote and emotion recognition with high precision.

LOCATE - The device can give instant verbal information about its wearers' geographical location.

NAVIGATE - The wearer can designate a geographical location by spoken words, and the unit starts an accessible navigation process.

GUIDE DOG - EVA gives audio feedback about the surrounding vehicles, objects, features or traffic lights in order to help avoid dangerous traffic situations.

For more detailed information please visit our site on www.eva.vision or send a letter to info@eva.vision.