

Smart Eyeglasses'

'Smart Eyeglasses' is smart eyewear with artificial intelligence capabilities for the visually challenged. Using Camera, Audio Module, On Chip Processor, AI, and Cloud Infrastructure, The smart eyewear captures the image using in-built camera which is then deconstructed and processed using on-board specialized low power processor tailored for computer vision and deep learning. The processed information is conveyed to the user using an audio module. In addition, the information is relayed to the cloud for further artificial intelligence-based processing. The product has facial recognition capabilities, scene recognition & description, money Reading-Currency bills and also read text on mobiles, books or newspaper, sign Boards. Thus a complete independent navigation solution .

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Picture shows the smart eyeglasses and the visual of a road scene with highlighted words for persons, car, fire hydrant, truck.

