

## **AI Voice information guidance service with Coded Braille Blocks**

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The existing braille blocks are coded by simply coloring them. By holding a smartphone over the coded Braille blocks, visually impaired and elderly people who have difficulty in moving independently can provide voice information guidance for walking support corresponding to the direction of travel, and autonomous Realize an environment where people can walk around with peace of mind. In addition, by providing information on tourism, disaster prevention, etc. in multiple languages, it is possible to provide information that enhances a sense of security not only for those who are vulnerable to transportation, but also for tourists, foreigners, and other people who are unfamiliar with local information. can be done. As a result, existing tactile blocks can be upgraded quickly and at low cost to a "information infrastructure for everyone" that improves the quality of life of users related to traffic safety. " can be increased. This time, we installed coded Braille blocks on 25 sidewalks along National Route 157, which is a trunk road in Kanazawa City, and conducted a demonstration experiment to confirm its effectiveness.