

With over a billion people carrying camera-phones worldwide, This study has a new opportunity to upgrade the classic bar code to encourage a flexible interface between the machine world and the human world. Current bar codes must be read within a short range and the codes occupy valuable space on products. The study presents a new, low-cost, passive optical design so that bar codes can be shrunk to fewer than 3mm and can be read by unmodified ordinary cameras several meters away.

Institute/Organization : MIT Media Lab, Massachusetts Institute of Technology, USA

Research Team : Ramesh Raskar (Director)

Status : Going on

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