Color 2D Barcode – 2D Barcodes for mobile tagging

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Outline of the project:

- Color 2D Barcode
- Outline of the project
- Matlab implementation
- C++ implementation
- Suitable for automation
- Can have GUI graphical user interface
- Can code data automatically

- Square or circle dots with color
- Square stands for "0", circle stands for "1"
- Human visible recognizable & high capacity
- No decoding software required

- Suitable for automation
- Code can be read by a smartphone or computer
- Can code data automatically

- Square or circle dots with color
- Square stands for "0", circle stands for "1"
- Human visible recognizable & high capacity
- No decoding software required

1D Barcode:
- Parallel line with different width
- Use wide thin data
- Convenient & reliable
- Visible to human eye & low data capacity

2D Barcode:
- Square or circle dots with color
- Square stands for "0", circle stands for "1"
- Human visible recognizable & high capacity
- No decoding software required

Matlab implementation

- Suitable for automation
- Can be read by a smartphone or computer
- Can code data automatically

C++ implementation

- Suitable for automation
- Can be read by a smartphone or computer
- Can code data automatically