

# Virtual LED Display

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## Abstract

The virtual LED display utilizes 20 rapidly-spinning and pulsating LEDs and the inability of the human eye to capture these changing pulses is interpreted as static images or time as a string.

- Virtual led display is a set of led strip which is rotating at a high speed.
- Images are displayed by tricking your eye because of the high speed.
- It can show various things like texts, digits, images

## Benefits

- This can be used in places like railway stations, bus stations and many other public places to display information .
- This can be used as an exhibit item.
- Our Virtual LED display canbe viewed in 360°
- It's easy to change displayed content via a wireless Bluetooth connection

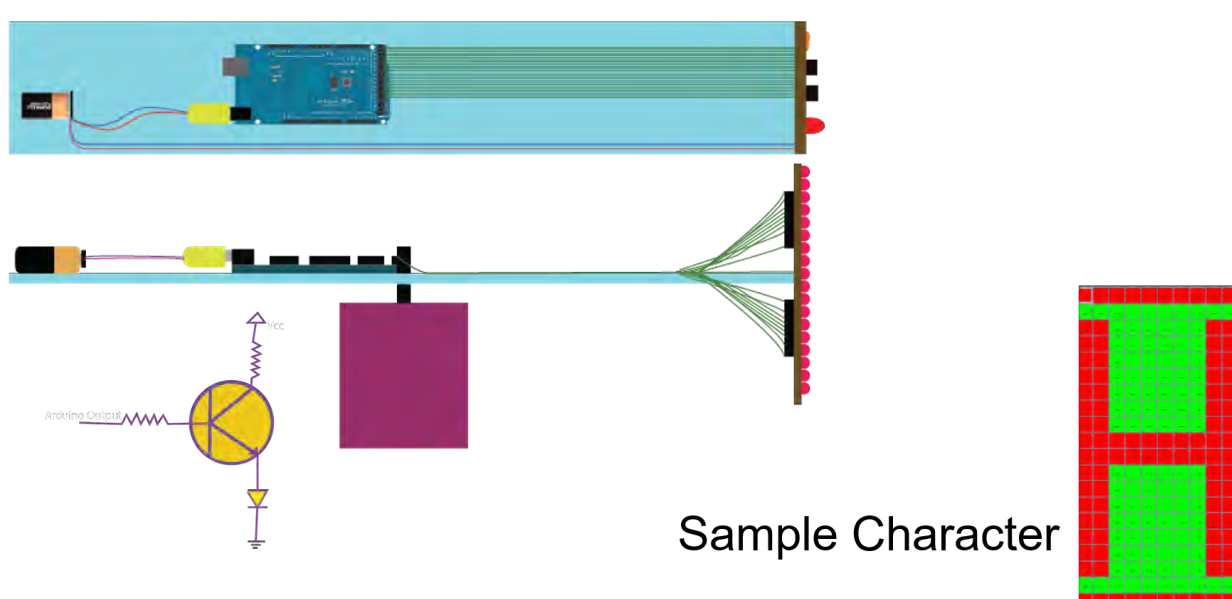
## Features

- 20x360 display
- Can be controlled over a Bluetooth connection
- 360° view range
- Supported characters
  - A-Z
  - a-z
  - 0-9

## Technologies

- Arduino platform
- Android
- Bluetooth

## Main Setup



## This is how it looks like



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