

LED Color Recognition API and Application

LED Recognition API and example code

Fast automated LED recognition tester:

We developed a LED tester solution includes camera, lens and API software with example code in LabVIEW and CVI

The API includes four functionalities:

Open/Close camera (can work on images without camera)

Color learning – Learn the software the LED color configuration and location. Also use as a live LED color status

Test: Perform fast LED color test and log results to a csv file

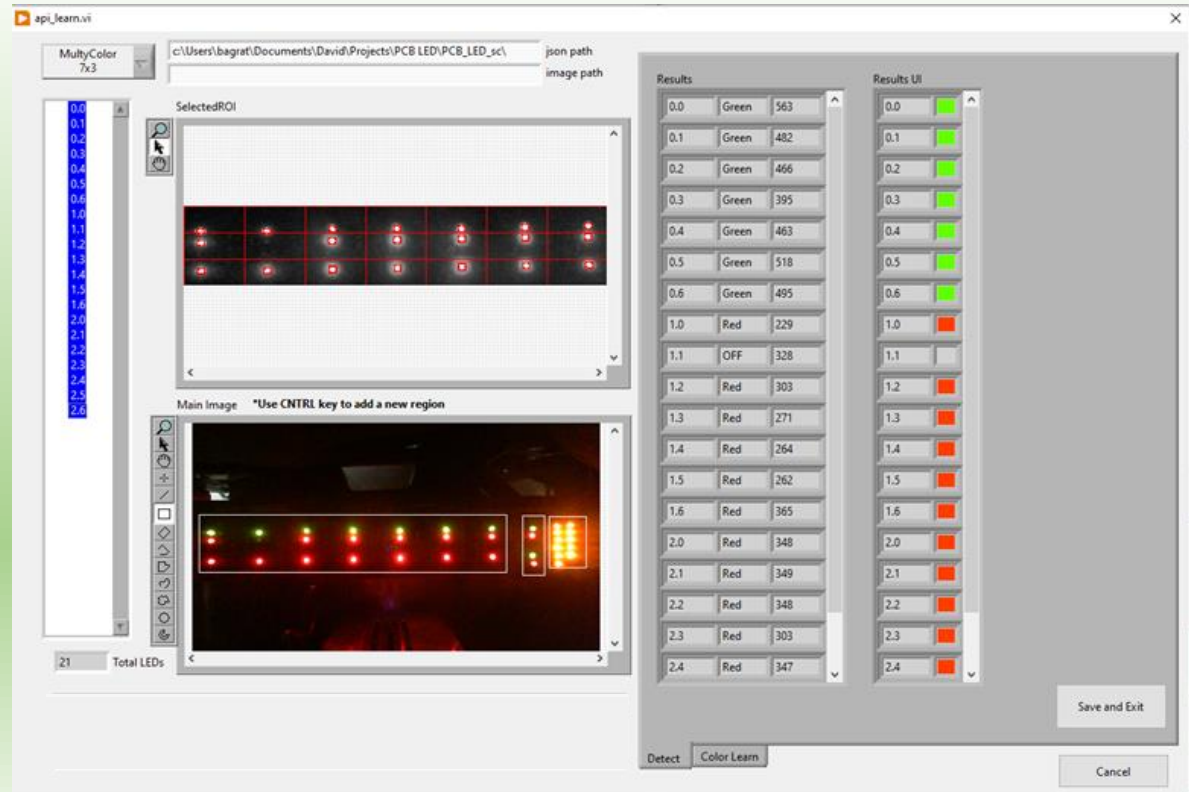
Can be use as a standalone LED tester as well

System learning new LEDs configuration

Each LED configuration, such as LEDs in PCB board or LED in product, is learn once at the system, a configuration file is created, and Test is done for each LED configuration

The LEDs are divided to segments and each segments is tested separately or all together

Works well with RGB or multi-color LEDs by multi-color learning of system



Industries That Can Benefit the Technology

- PCB- manufacturer
- Electronic device manufacture
- Medical device
- Laboratory device manufacturer

Contact us today for more info

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