

Example of Basic Hook-Up

(ESP 32 / SD Card / RTC)

VideoSync Analyzes

the Data

C1 Freader ver. B6.0 Caltrans' DRISI 152 220 257 Proj Engr. Joel Retana Designer: Kyle Hagy 250 250 Proj Eng

LEFT

Example of how to use LED Jumpers

The C1 Reader collects and stores the sensor data

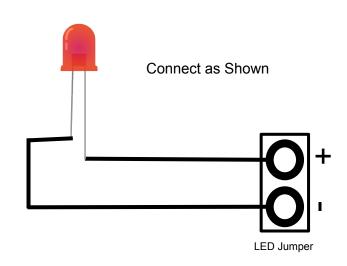
This Data is later uploaded to VideoSync for analysis

(J10-J12, J13-J15)

Detector

2070 or 170 Controller

Cards



- The 6 total jumpers are to be used for external LEDs on the C1 Reader box for visibility on the Power/MISC/Activity lines.
- MISC/ACT can be turned on with the ESP32 respective pins (GIOP32/GIOP33)
- The on-board LEDS on the back work even if no external LED is connected.



C1 Connecter

Features 104 pins to be soldered to the middle jumpers (Labeled AMP201532-C1_Tap)



C11 Connecter

Features 20 extra pins to be wired and soldered to the J2/J8 headers