

RB-Pis-14

Bright White and IR Camera Light for Raspberry Pi



The Bright Pi is a breakout/add on board for the Raspberry Pi (can be used with other I2C devices too – Arduino etc.) which adds both visible bright white light and infrared illumination to the Raspberry Pi, for use with the Raspberry Pi camera module, the Pi NoIR camera module or for any other project which requires bright LEDs!

Bright Pi plugs directly into the I2C interface on the Raspberry Pi, and is completely controllable via the command line, using Python and lots of other programming languages as well. The brightness of the LEDs is fully controllable using the onboard LED driver chip. The Bright Pi will allow you to control any ~5v LEDs using the I2C interface on the Raspberry Pi, so you could substitute the provided LEDs with the colourful LEDs of your choice.

The Bright Pi has M2 mounting holes, just like on the camera module and Pi NoIR and can therefore be mounted directly to the camera module using the screws and spacers provided. It also has been verified to work great with the camera mount kit from Pimoroni. The Bright Pi is the perfect accessory for any project which utilises either the Raspberry Pi camera module or the Pi NoIR but just needs a bit more light, in a small and lightweight package.

Includes

- One Bright Pi Pcb (With Led Driver Chip Pre-Assembled)
- Four Bright White Leds (High Quality Cree Leds)
- Eight Bright Ir Leds (High Quality Liteon Leds)

- One Right Angle Header
- One 4 Way Header Cable, 20Cm Length
- Three M2 X 12Mm Nylon Bolts
- Twelve M2 Nylon Nuts (To Use As Spacers As Well)
- Three Stickers
- One Info Card