

iSeeTheLight

User manual

To use iSeeTheLight, you will need a mobile phone with Android 4 or newer. NFC recommended for convenience.

1. Download the app

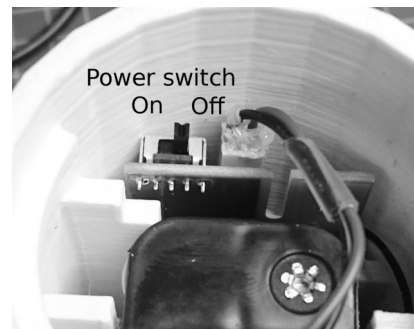
For Android phones: search for “iSeeTheLight” in Google Play Store or scan this QR code:



Apple and Windows phones are not supported yet.

2. Turn the light on

Power switch is located under the lid. If you see colorful lights flashing – it works.



3. Connect

Tap the NFC tag here: <div style="border: 1px dashed black; padding: 10px; text-align: center;">Paste NFC tag here</div>	Or scan the QR code here: <div style="border: 1px dashed black; padding: 10px; text-align: center;">Paste QR code here</div>	Or connect to WiFi network manually: <div style="border: 1px dashed black; padding: 10px; text-align: center;">Paste SSID and password here</div>
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A warning saying “no internet connection” may be displayed – accept it. Once the connection status icon in the app turns green, you can start using it.

Features

- The light has two modes: “Light ID” mode and “Lamp” mode. Light ID mode is for flashing your unique light signal, lamp is just a constant light source, where you can set the colour and brightness as you wish.
- Ambient light sensor allows the light to turn on and off automatically, to save the battery. The sensor has delay of approximately 3 minutes, so that not to be triggered by transient changes in light conditions. Note that it does not work in lamp mode, as the light constantly shines on itself.
- Turn off timer allows the light to be turned off after a certain time.
- Once you have installed the app, iSeeTheLight does not require any mobile network or data connection.
- All settings are saved in device, so, once programmed, the light can be used without mobile phone.

Notes on chosen light signal and power consumption

The chosen light signal significantly affects the battery life (see “specifications – battery life” below for details). Primary colors (red, green, blue) consume least power, mixed colours (yellow, magenta, cyan) consume two times more, white consumes three times more. Making the flashes shorter, and pauses between them longer (as well as the interval) helps to extend the battery life too.

Visual range is usually proportional to the power, for example the white light will be seen from much further away than the blue light.

Specifications

- Dimensions: 115 mm length, 58 mm diameter
- Weight: 120 g (batteries not included)
- WiFi standard – 802.11 b/g/n.
- Maximum WiFi range outdoors – approximately 100 m.
- Visual range – up to 1 nautical mile.
- Batteries – 4 x AA.
- Power supply voltage – 5..10V.
- Battery life – depends a lot on the chosen light signal:
 - White light, duty cycle 50%* - up to 20 hours.

* “Duty cycle” means percentage of time the light is on, e.g. 1 second on 3 seconds off is 25% duty cycle, 1 second on 1 second off is 50%.

Resources

Official website and support:

<http://www.ftstrading.com/iseethelight/>