

# LUMIFI CONTROLLER SPEC

## For use with LumiFi Professional Software Version

February 2018

The LumiFi Controller is a central local hardware server that is responsible for communications between different components of the system and executes the central control logic for all applications and lighting control commands. It incorporated both wireless 802.11 and Bluetooth capabilities and has to be physically connected to the local network. It also provides cross checks and validations, increasing reliability, monitoring, analytics and troubleshooting capabilities.



### PHYSICAL REQUIREMENTS

- 3rd party off-the-shelf Android hardware box with 2GB memory & 8GB Flash storage with Dual WIFI 2.4GHZ and 5GHZ;
- Ethernet & USB port; comes with remote to setup
- Dimension: 5.06" x 5.06" x 1.18"
- Weight: 26.46 ounces (~1.6 pounds)
- Power DC 5V/2A (with US power cable adapter) for other countries an adaptor is required
- 10 Watts

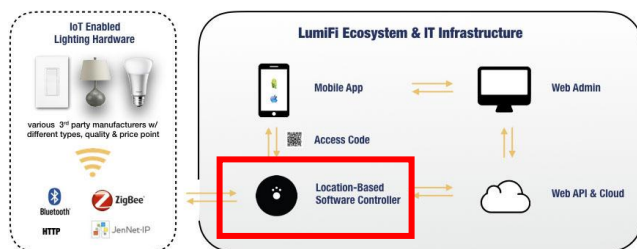
### SOFTWARE PROPERTIES

- Pre-configured and packaged on-site device with LumiFi controller software
- Versions vary on software; for details please check compatibility matrix by project or license
- It is supported by iOS & Android LumiFi's PRO mobile apps. Software License has to be purchased separately.

### GENERAL

- Device needs power and Ethernet access and has to be able to directly communicate with the manufacturer gateway and be part of the project light wireless network.
- Number/Placement per LumiFi based on project drawings, it depends on profile quantity or range Each device manages a minimum of 15 profiles; profiles can have unlimited lights and rooms / groups.
- With over the air automatic updates (via Airdroid)

### SYSTEM OVERVIEW



### COMMUNICATION PROTOCOLS

- Wireless 802.11 and Bluetooth 4.0

### COMPATIBLE MANUFACTURER GATEWAYS:

- Philips Hue: Up to 50 Lights with approx 20m
- Xicato XIG: TBD
- Ketra N4: Up to 49 Lights with approx 50 feet

### LUMIFI PRODUCT NUMBER

- LUMCON-1 (by Anewish) (2017)
- LUMCON-2 (by MXQ-Pro) (2018)

### SETUP INSTRUCTIONS

- For details please see our "Controller Setup Manual" or watch our video tutorial. Or go on the Web-Admin Platform in the [Resource / Help section](#) (<http://admin.lumifi.com/#/help>)