## **MPoEWit**



# **SECURITY**

## **& AMBIANCE**



#### **MPOEWit**

**SECURITY** 

Put yourself in the mind of a burglar. Do you choose a well-lit home with security lights or the home with no lights and plenty of dark

Ample lighting will help prevent vandalism or home intrusion. Furthermore, when adding Security Cameras in dark areas, stand alone units rely on built-in infrared and video is recored in black and white, reducing picture quality.

Security camera installers know how difficult it is to add the proper lighting at every camera location to display video in high quality color.

One problem with traditional home security lights is they have literally no programmable intelligence. PoEWit is introducing a new generation of home security and safety lighting solutions that use PoE to power and control LED lighting. These new devices are smart, cloud-based, easily configurable, and much more functional than dangerous, high voltage products.

PoEWit's PoE Powered LED lights address these security camera limitations. They can be easily installation near them to complement their functionality. The Pass-Through version can also supply PoE power to the cameras nearby.



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#### **Shortcomings of Legacy Security Lights**

The standard approach of installing outdoor security lighting has not evolved to be compatible with today's adoption of IP security cameras. Historically each light operated as an independent island - had little or no intelligence- and had to be turned on and off with a timer.

There was also no way to have the lights stay on at a reduced brightness, and then have them jump to full brightness when triggered by a motion detector that is in an intrusion location.

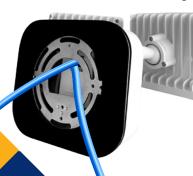
> In short, they were no multi-purpose mood and task lighting available.

It can be very frustrating than having a light installed that can not be used, because it is the wrong intensity. Light placement was another challenge. Historically lights were installed in the immediate vicinity where an electrician could feasibly run a Romex high voltage wire. This is both expensive and dangerous, especially for the outdoors where it can gets wet.

### **PoEWit**

Dual PoE Pass-Through

**New PoEWit Solutions** Significantly Improve **Security Deployments** 



The PoEWit solution includes a dual PoE pass-through feature to power not only the light but the camera and an optional motion detector as well. This is perfect for retrofit installations. Rather than grainy black and white video, security cameras are enabled to create crystal clear color videos again.



Furthermore, instead of following rigid, inflexible queues, lighting can be programmed to fit the home owner's lifestyle, making lights bright when necessary for security purposes and dimmed to create a soothing atmosphere.









#### **■**Po**E**Wit

Imagine many motion detectors set up at entry or intrusion points around a residence. Security Lights are installed to illuminate an safe path around the property and security cameras are positioned to record activity. Normally the security lights are dimmed to a soothing ambient level. The security lights are configured so they trigger maximum brightness once a motion detector is tripped. This allows the security cameras to record in color with a higher resolution. This flexibility is simple to deploy as well as effective. Everything is configured by smart-phone apps and stored in the cloud. In the event of a disruption in the internet connection, the system switches over to local mode to keep the residence safe.



#### What you need To enable PoEWit's smart security and emergency lighting features

- Light any PoEWit Cloud Intelligent PoE Powered LED Fixture
- PoEWit Cloud Intelligent Perpetual PoE Network Switch or PoEWit Single Port PoE Injector (90W 802.3bt)
- PoEWit Cloud Intelligent Uninterruptible Power Supply UPS with Power Conditioner.