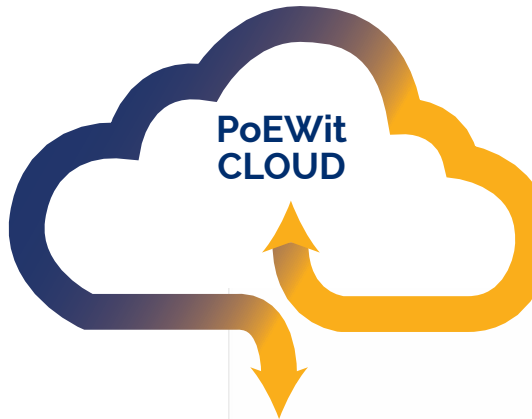# PoEWit

CLOUD INTELLIGENT
OUTDOOR SECURITY LED FLOOD LIGHT
POWERED BY POE+
THE OS-1 AND OS-1-PT ARE THE FIRST MULTI-PURPOSE, SMART LIGHTS THAT ENHANCE LIGHTING AND HOME SECURITY

PoEWit CLOUD

- **OUTDOOR SECURITY LED FLOODLIGHTS POWERED BY POE AND WITH POE PASS-THROUGH FOR EASY IP CAMERA RETROFITS**

- **FLOODLIGHTS ARE DESIGNED TO ILLUMINATE DARK AREAS, SO SECURITY CAMERAS RECORD IN HIGH-QUALITY COLOR RATHER THAN INFRARED ASSISTED BLACK AND WHITE.**

- **CLOUD CONTROLLED FOR THE UTMOST IN USABILITY AND CUSTOMIZATION. ANY LIGHT TO ANY MOTION DETECTOR TO ANY WALL SWITCH CONFIGURABILITY.**
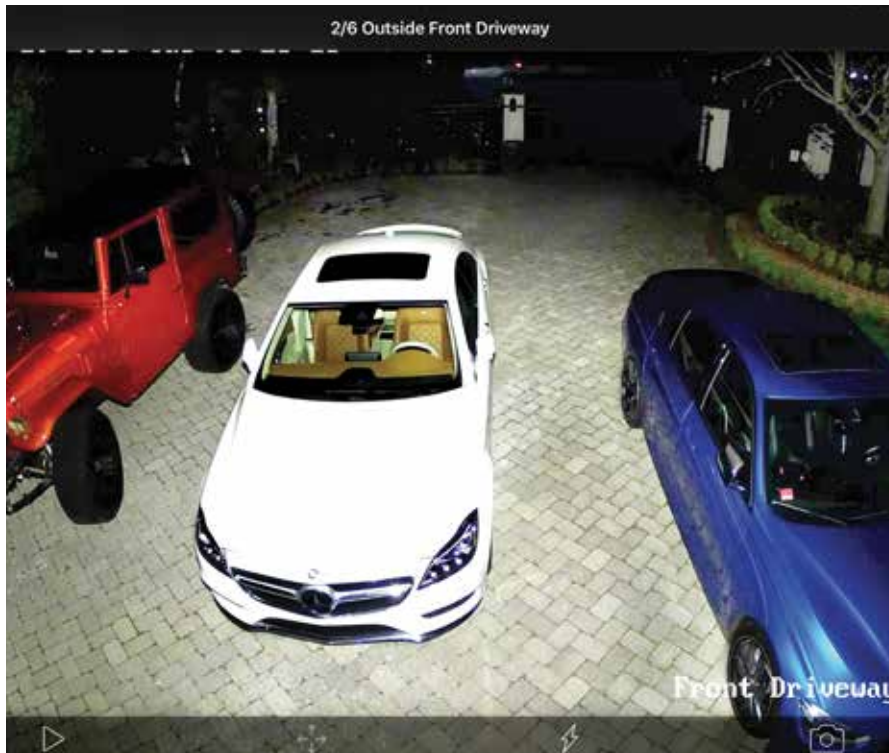
The OS-1 AND OS-1-PT offer unmatched flexibility. Security experts can create custom, state-of-the-art, multi-purpose outdoor security lighting and camera solutions. For legacy solutions, security cameras and lighting operate independently. Now, you can place a security light where it is needed, station a light close by to security camera so they display in color, rather than black and white.

IMAGE 1 - Security Camera without OS-1 Assistance

IMAGE 2 - Security Camera with OS-1 Assistance

Also, the OS-1-PT has a unique PoE pass-through feature that not only will power and network itself, but also pass the PoE capability to any downstream security camera and light. Retrofitting an existing security camera installation to add lights is a breeze.
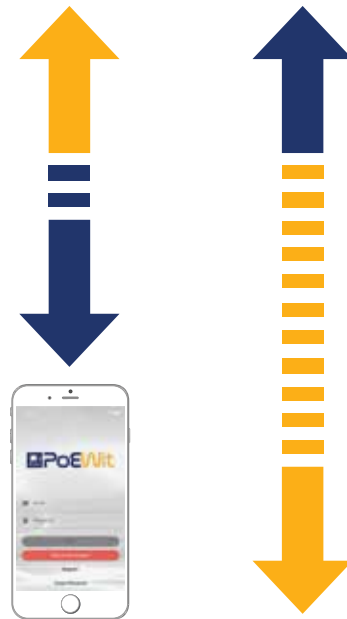
Finally, by adding a PoEWit UPS and PoE ethernet switch to the installation, a security expert can configure a system so that key cameras and lighting stay operational in the event of a power outage. Secondary cameras turn off, and non-essential lights dim automatically to extend battery life until utility power is restored.

PoE Light Pass-through Driver
PoE+ In and Two PoE+ Out

PoE Powered
Any light to Any Motion Detector

Key Features for OS-1 | OS-1-PT
· The OS-1 and OS-1 PT are **the industry's first cloud-integrated security camera and lighting** solutions
· Security lights are **optimized to the latest security cameras Field of View to record in the best color frames and camera angles**
· **Models with PoE pass-through** makes **retrofitting existing** security **lights a breeze**
· Gain flexibility: **connect any light to any wall switch** (WS-2) to any motion detector configurable (MD-1)
· Customers **define security settings via simple controls**: IOS or Android app
· **First PoE powered solution**, so therefore safe and **no need for high voltage outdoor lighting**

· **Works with PoEWit security light applications** (see security lighting data sheet)
· **Automatic Internet failover** to local network control if WS-2 is installed
    · **Automatically adjusts to available power with the addition of a PoEWit UPS and PoE network switch**
    · Stay on during power outages
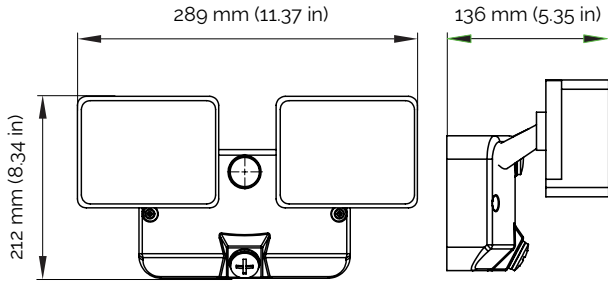   · **Load shedding** compatible

Physical	
Visual Indicators	RJ45 Ethernet Status LEDs (Link Status / Speed)
Mounting	Wall Mount, Eave or Ceiling Mount
Dimmable	Yes

289 mm (11.37 in)   136 mm (5.35 in)

212 mm (8.34 in)

Environmental

IP Enclosure Ratings- IP-64
Operational Temperature Rating: -40 to 85C
Storage Temperature Rating: -65 to 150C

Different Specs Between OS-1 & OS-1-PT

PHYSICAL INPUT - PoE 802.3at (up to 30W/25.5W min.) for OS-1 and PoE 802.3bt Type 4 (up to 100W/71W min.) for OS-1-PT

PHYSICAL OUTPUT - 15W DC, 36V @ 0.56A for OS-1 and 90W DC, 36V @ 1.1A for OS-1-PT

Lumens: 2000 for OS-1 and 2400 for OS-1-PT

Only for OS-1-PT - PSE Dual (2x) Output: PoE 802.3at (30W/25.5W min.)

Ordering Guide	
OS-1-5K-WH	Cloud Intelligent Outdoor Security LED Flood Light- Powered by PoE+, Lumen=, White housing, 5k color temperature
OS-1-PT-5K-WH	Cloud Intelligent Outdoor Security LED Flood Light Powered by PoE++ with PoE Pass through, Lumen-, White Housing, 5k color temperature

Note: OS-1-5K-WH-requires PoE+
Note: PT requires 90W if using PT due to power budget

A Part of the PoEWit Tree Family for Lighting Controls

PIR

Security Lights

Light Switch

Recessed Lights

Residential Emergency Lighting
Outdoor Security Lighting
IP Camera IR/BW to Color Assist Lighting
PoE Power Shutdown Load Shedding