

# Vi00023L

## Wireless IP Camera Installation Tool w/PoE Power Bank

### Features

- Simplifies and speeds up installation and Camera positioning
- Compact and light weight design makes it possible to operate it hands-free
- Complies with IEEE 802.3af/at POE standards, and can deliver up to 36W of POE
- Monitors real-time PoE voltage and power on OLED display
- Enables focusing and adjusting the camera view through wired and wireless connections to the camera for viewing images on cell phones, tablets or laptops
- A 5V USB port enables charging smart phones/tablets on the site.
- Built in rechargeable battery provides PoE power to connected devices without the need for external power sources
- Compact design, light, and easy to use
- Verifies proper camera connection and PoE
- Reduces installation time and cost
- Patented design.



### Applications

- IP camera installation without network connection
- IP camera Positioning and focusing



Vigatron's patent pending Vi00023L wireless camera setup tool offers a fast and reliable method for focusing and adjusting the view of IP cameras in the field. The connected IP camera image is transmitted through both WiFi and wired connection allowing for quick in-field view of image on cell phones, tablets or laptops. It also displays PoE voltage and power consumed by the camera. The Vi00023L is very compact and light and can easily fit in a pocket. The carrying strap makes it easy to operate hands-free.

#### PoE Source:

The built in Midspan is compliant to IEEE 802.3af/at and provides up to 36W PoE power.

#### WiFi:

The Vi00023's WiFi provides the ability to view IP camera image on smart phones, tablets or computers operating with Android, iOS, or Windows™ platforms by entering the connected device's user name and password. A blue LED indicates that the WiFi is active. The Vi00023L can operate at distances up to 60 feet (18m).

#### Aux Port:

Provides an easy way to connect a wired IP device to the WiFi network for testing purposes.

#### USB Port:

A 5V @1.5A USB port is provided for charging smart Phones and Tablets on site.

#### DC Power Output:

The DC power output provides a 12VDC @ 1.5A for powering non PoE devices.

#### Built in Battery:

The Vi00023L has a rechargeable built in power source that provides power to itself and the connected camera. It is 43.2Wh and provides up to 65 minutes of use at 36W or 8 hours at 5W meeting the most depending network testing and positioning requirements. A Battery Status Icon on the OLED display shows the remaining charge level.

The Vi00023's compact and the light weight construction makes it easy to carry. It is an ideal tool that saves time and money in installation and debugging of IP cameras.

# Technical Specification\*

## Electrical

### Camera Port

Connector Camera Port: RJ-45, 10/100Mbps data and PoE  
PoE Standards IEEE 802.3af, IEEE 802.3at, and most non-standard PoE sources up to 36W  
LED Indicator Activity: Orange  
PoE: Green

### Input/Outputs

Charger Input Barrel Connector Jack, must use provided fast charger  
USB Output 5VDC @ 1.5A Max. BC1.2 Standard for charging phones (No data connection)  
Power Output 12VDC @ 1 A, Barrel Connector Jack

### Display

Type 128x32 monochrome OLED display  
Content PoE Voltage and Power, Battery status

### Aux Port

Connector RJ-45, 10/100Mbps Data, no PoE  
LED Indicator Activity: Orange

### WiFi

Security SPA2 - PSK with user configured password  
SSID User Configuration  
Wireless frequency Default 2.4Ghz compatible to b.g.n  
IP address IPv4 Auto and Manual  
IP Setting IP Address auto or programmable subnet  
LED Indicator WiFi: Blue  
Maximum Clients 12 Maximum  
WiFi Range 60 feet, 18m

### DC Output

Output power 12VDC @ 1.5 A, Barrel Connector Jack  
LED Indicator Activity: Green

### Built in Battery

Type Lithium Ion Battery  
Power 43.2Wh, built in rechargeable battery  
Nominal Voltage 14.4V  
Capacity 3000mAh  
Operating Time 65 Minutes at 36W, 8 Hours at 5W  
Charge time 3 hours with provided fast charger  
Lifetime Keeps over 80% of initial capacity up to 300 charges

## Regulatory

Safety CE, FCC  
Environmental Rohs, WEEE

## Environmental

Humidity 0-90% non condensing  
Operating Temperature -20°C to +50°C  
Storage Temperature -20°C to +50°C

## Mechanical

Dimensions 6.5 x 1.3 x 3.3 in., 16.5x3.3x9.2 cm (HxWxL)  
Weight 1.06 lb; 480 g  
Housing Extruded Aluminum and ABS plastic UL rating of 94V-0

## Accessories

Vi00023BC Universal Battery Charger (UK, US, EU & AU plugs)  
Carrying Case  
4 feet RJ45 Ethernet cable  
Shoulder Strap

## Vi00023BC Battery Charger

Input 100-240 VAC, 1.5 A, 50/60 Hz  
Output 16.8V, 1 A Max.  
Charging time 3 Hours Maximum  
Charging Temperature 0°C to +45°C  
Connectors Input power: "Figure of 8" AC Connector  
Output power: Barrel Connector Jack

\*Specifications subject to change without notice.

## Ordering Information

Part No.	Description
Vi00023L	MaxiView Wireless IP Camera setup Tool w/PoE Power Bank



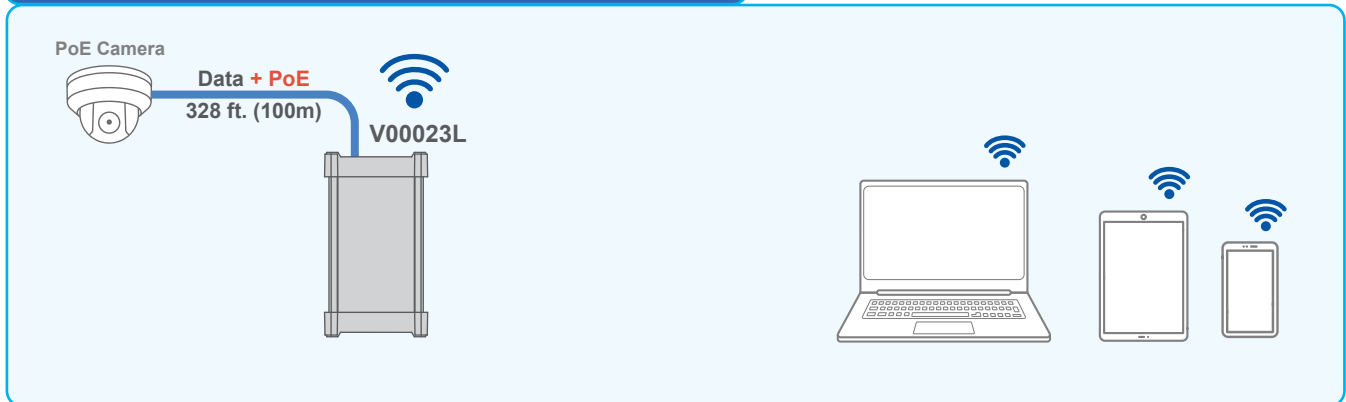
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# Application Diagrams

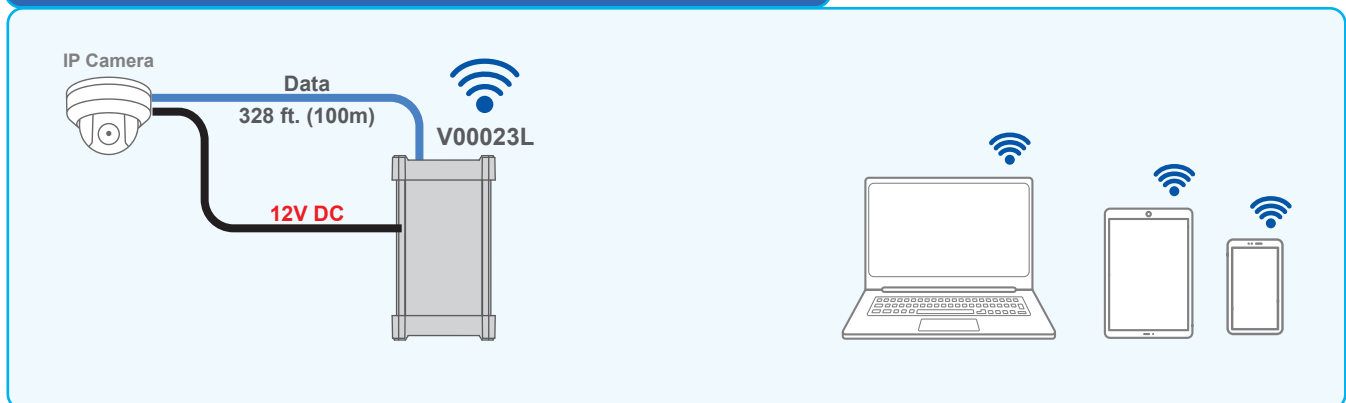
Cat 5/6

## Providing PoE and WiFi Connection to a Camera



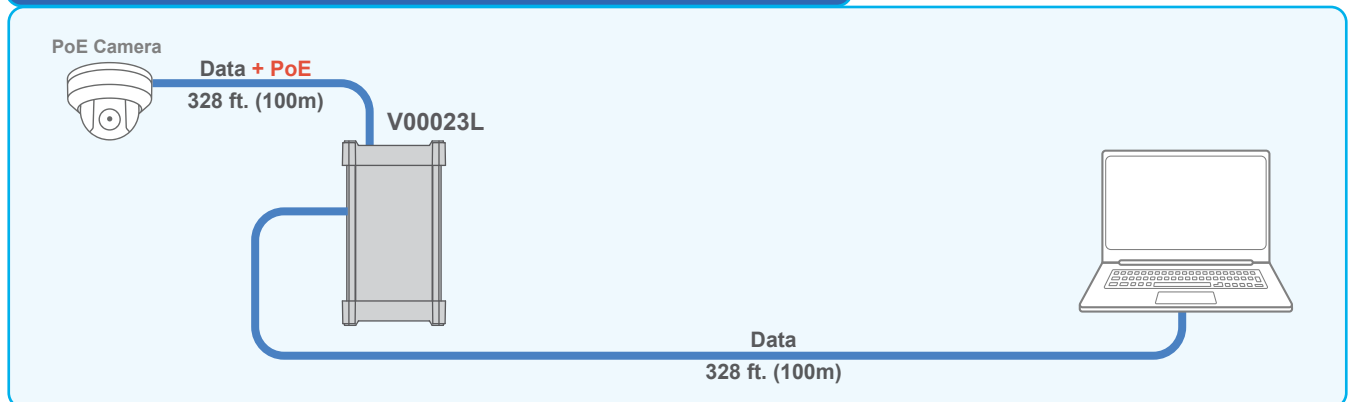
The Vi00023L enables connecting the PoE cameras to any wireless device using a WiFi connection.

## Providing DC Power and WiFi Connection to a Camera



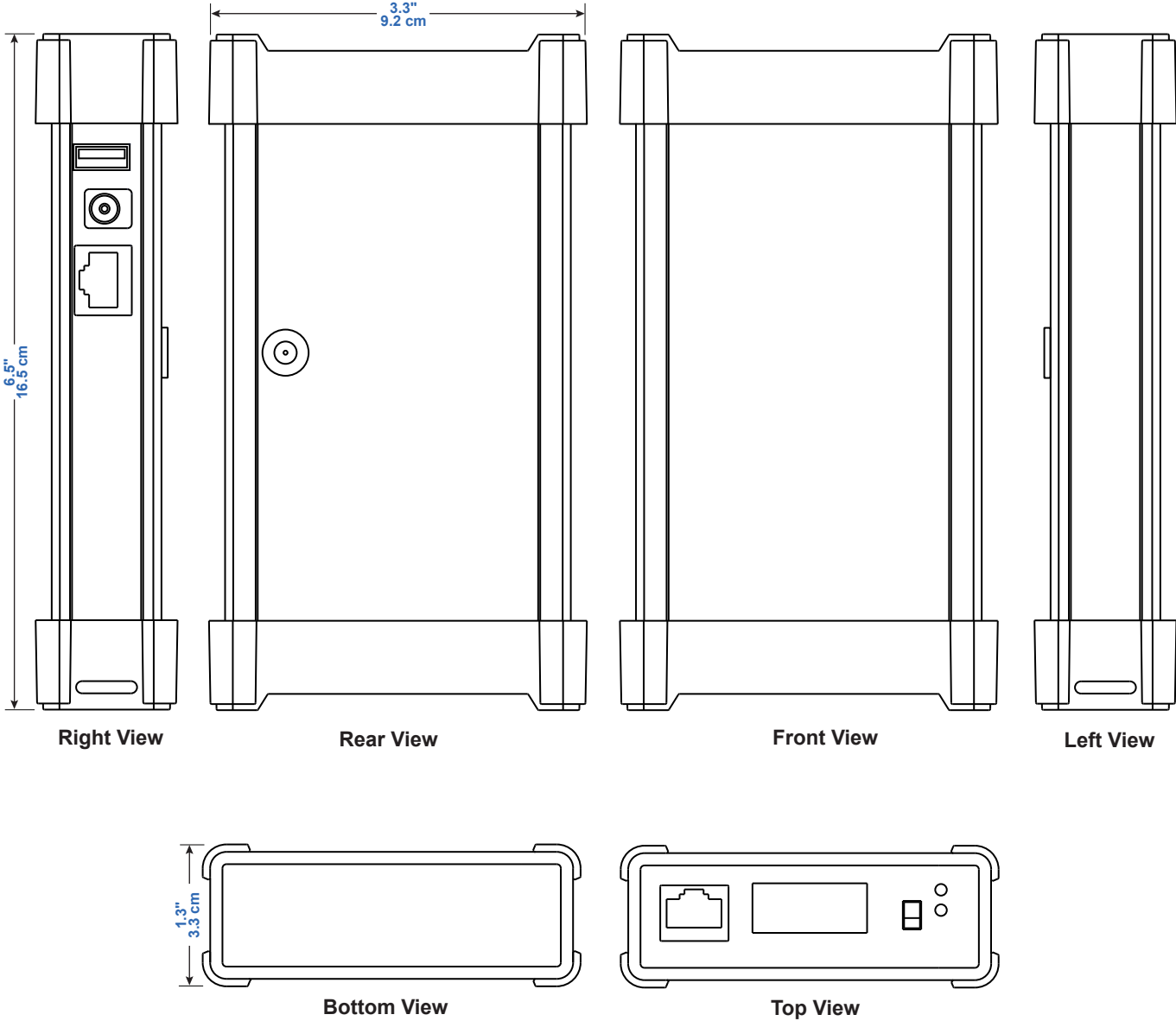
The Vi00023L enables connecting the non PoE cameras to any wireless device using a WiFi connection.

## Providing PoE Power and wired Connection to a Laptop



The Vi00023L enables connecting to a laptop using a wired connection.

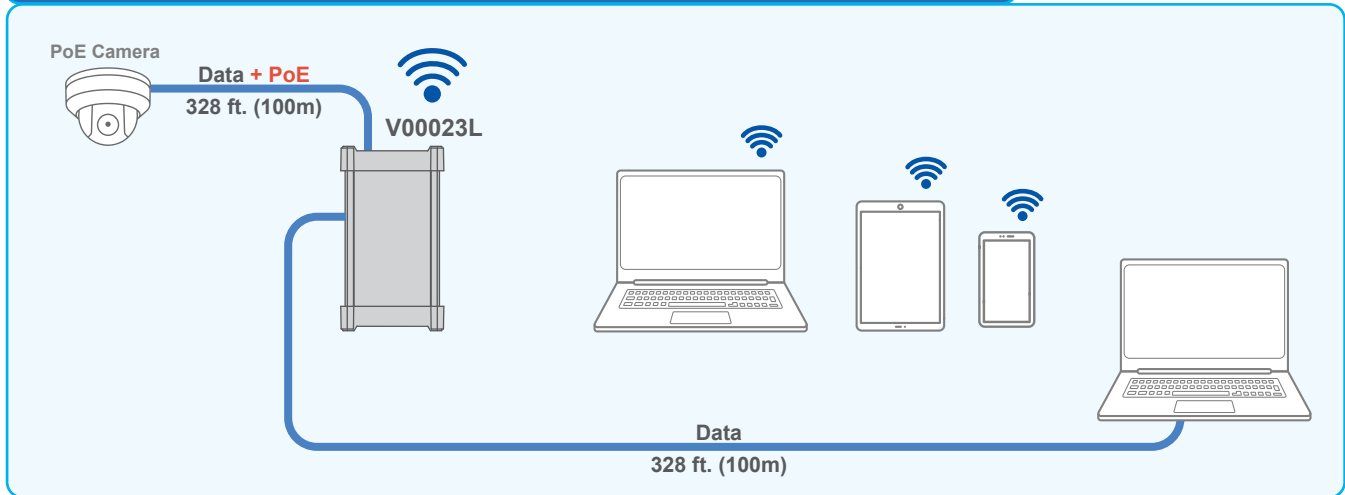
# Mechanical Drawings



# Application Diagrams

— Cat 5/6

## Connecting the camera to a network of wired and wireless devices



The Vi00023L has a built in switch that makes it possible to connect an IP camera to a network of wired and wireless devices.