

IP CAMERA INSTALLATION TOOL & WIRELESS LINK

PINPOINT™ WIRELESS



PINPOINT Wireless is very convenient to use and helps to increase productivity in hard to access locations

Focus and adjust IP cameras on your smart device with PINPOINT Wireless

PINPOINT Wireless makes POE IP camera installation easy by adding a wireless link near the camera, allowing connection to a smartphone, tablet or laptop for local image display.

- | Allows local viewing of IP camera images on smartphone, tablet or laptop close to camera
- | Enables rapid and precise adjustment of lens focus and viewing angle
- | Uses Power over Ethernet from the network - no local power is required
- | Increases installation speed, efficiency, vastly reduces time on site
- | CAMPOINT Installation tool App for iOS & Android
- | Installs in seconds – removes in seconds



POE-powered IP camera installation tool with wireless link to smart phones, tablets and laptops



PINPOINT Wireless features automatic camera discovery with wireless live video link to your smart phone or tablet, enabling focusing, adjusting and positioning of IP cameras in-situ. It is powered by the POE delivered to the camera and can be inserted and removed in seconds.

POE-Powered Wireless Adaptor

Veracity's PINPOINT Wireless is a POE-powered wireless access point for IP camera installation. It is directly connected to the IP camera and wirelessly connected to the viewing device, tablet or smartphone.

Wireless Network Access

PINPOINT Wireless is placed in series with the IP camera and, like the camera, is powered by POE. It passes POE through to the IP camera, whilst using less than 2W of the available power and connects the camera to the wireless access point (WAP) built into PINPOINT Wireless. By logging onto this wireless network, live video can be viewed on a smartphone, tablet or laptop. PINPOINT Wireless features automatic

camera discovery, including ONVIF. It has a default network SSID with password and an IP address for accessing the device itself. These may be changed as required by the user. The wireless link can be switched between 2.4GHz and 5GHz. A reset function is available to reset the device to default factory settings.

The wireless LED flashes as the unit boots up and is steady when the link is available. The POE port LED shows when the camera is powered, whilst the network port LEDs indicate the wired link speed (10/100) and network activity.

Browser Connection

Upon connecting to PINPOINT Wireless with a wireless network enabled laptop, tablet or smartphone,

through a browser, the user is presented with a web page, allowing configuration of the PINPOINT Wireless itself and showing the IP address of the connected camera. Configuration functionality depends upon the IP camera manufacturer's supported features and functions. The system firmware can be upgraded in the field to allow updates for new features and special camera types.

CAMPPOINT Smart App

Veracity provide a smart app called CAMPPOINT (on iOS and Android) for IP camera configuration. This enables simple wireless viewing of video from one or more IP cameras on a smart phone or tablet. CAMPPOINT runs on smart phones and tablets to make IP camera installations simple, fast and convenient to use.

IP CAMERA INSTALLATION TOOL & WIRELESS LINK APPLICATION DIAGRAM

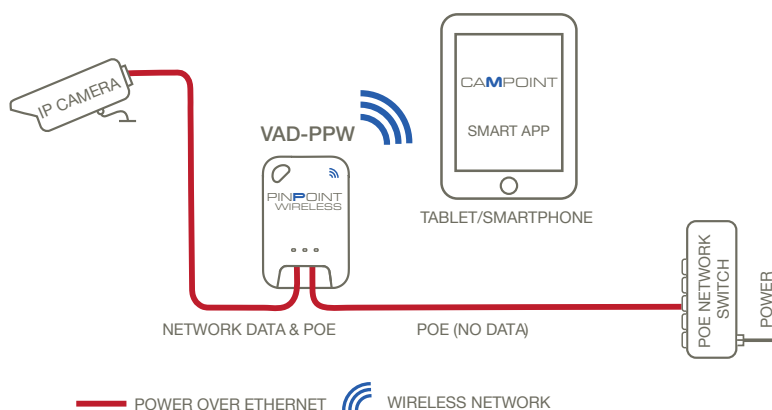
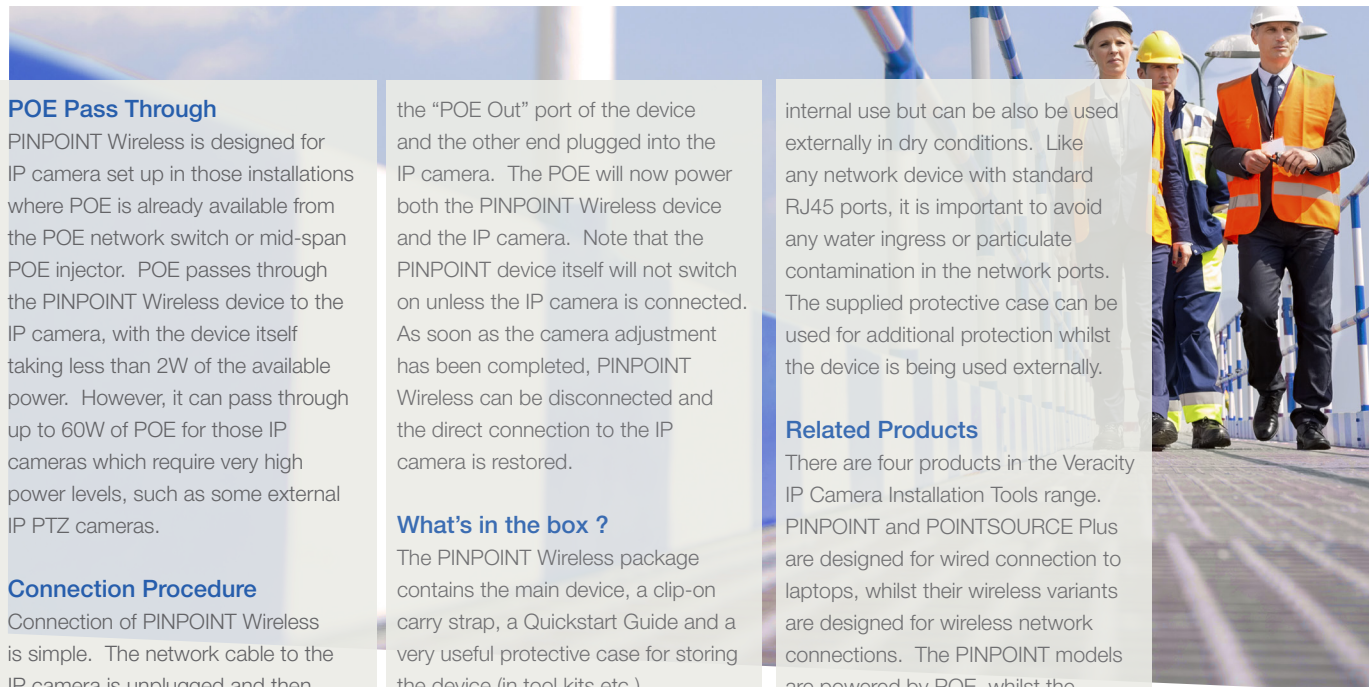


Diagram 1. PINPOINT Wireless connected in series with the IP camera provides a wireless link to a Smartphone or tablet

PINPOINT Wireless is an indispensable tool for all installers of IP cameras

The PINPOINT Wireless package includes the PINPOINT Wireless unit, a shoulder strap, a handy protective case and the Quick-Start Guide.



POE Pass Through

PINPOINT Wireless is designed for IP camera set up in those installations where POE is already available from the POE network switch or mid-span POE injector. POE passes through the PINPOINT Wireless device to the IP camera, with the device itself taking less than 2W of the available power. However, it can pass through up to 60W of POE for those IP cameras which require very high power levels, such as some external IP PTZ cameras.

Connection Procedure

Connection of PINPOINT Wireless is simple. The network cable to the IP camera is unplugged and then plugged into the “POE In” port of the PINPOINT Wireless device. A second network patch cable is plugged into

the “POE Out” port of the device and the other end plugged into the IP camera. The POE will now power both the PINPOINT Wireless device and the IP camera. Note that the PINPOINT device itself will not switch on unless the IP camera is connected. As soon as the camera adjustment has been completed, PINPOINT Wireless can be disconnected and the direct connection to the IP camera is restored.

What’s in the box ?

The PINPOINT Wireless package contains the main device, a clip-on carry strap, a Quickstart Guide and a very useful protective case for storing the device (in tool kits etc.).

Internal & External Use

PINPOINT Wireless is designed for

internal use but can be also be used externally in dry conditions. Like any network device with standard RJ45 ports, it is important to avoid any water ingress or particulate contamination in the network ports. The supplied protective case can be used for additional protection whilst the device is being used externally.

Related Products

There are four products in the Veracity IP Camera Installation Tools range. PINPOINT and POINTSOURCE Plus are designed for wired connection to laptops, whilst their wireless variants are designed for wireless network connections. The PINPOINT models are powered by POE, whilst the POINTSOURCE models include a POE battery pack and so are self-powered and provide POE to the IP camera.

INSTALLATION TOOLS	POE POWERED	BATTERY POWERED
▶ Wired	PINPOINT™	POINTSOURCE Plus™
▶ Wireless	PINPOINT Wireless™	POINTSOURCE Wireless™

TECHNICAL SPECIFICATION

PINPOINT™
WIRELESS

POWER	
Type Consumption	Device is powered via pass-through POE < 2W in normal use
NETWORK	
Wired network interface	'POE In' port: 10Base-T/100Base-TX 'POE Out' port: 10Base-T/100Base-TX
IP setting	Automatic or manual configuration of IP address (IPv4)
Wireless network interface	IEEE 802.11b/g/n/ac 2.4GHz b/g/n (default) – channels 1, 6 or 11 5GHz a/ac/n – channels 36, 40 or 44
Wireless SSID	User configurable
Wireless security	WPA2-PSK with user configurable password
LED INDICATORS & CONNECTORS	
POE status indicator	Red LED shows ON, flash indicates error, off indicates no POE
Network port LEDs	Green: Link speed Orange: Network activity
Wireless indicator	Blue LED ON shows wireless link on; flash indicates booting up
Network connectors	2 x RJ45, POE In, POE Out (to camera)
COMPATIBILITY	
Camera discovery Supported IP cameras	Automatic camera discovery using Bonjour or WS-Discovery (ONVIF) All IP cameras supporting live-viewing via browser on smart device or with RTSP url address and CAMPOINT Smart App
PHYSICAL/ENVIRONMENTAL	
Enclosure type	High impact ABS
Lanyard	Hooks onto PINPOINT Wireless with Carabiner - safety breakaway clasps
Case	Protective zipper case
Dimensions	L 128mm W 82mm H 28mm
Weight	128g [4.51 oz]
Operating temperature	-10°C to 70°C [14°F to 158°F]
Relative humidity	Up to 85%, non-condensing
COMPLIANCE	
Pinpoint Wireless unit	EN 55032 Class A, FCC Part 15 Subpart B Class A, IEC/EN/UL 60950-1, CE, RoHS, REACH, WEEE
PRODUCT CODE	
VAD-PPW	PINPOINT Wireless IP Camera set-up adaptor with wireless network link
VAD-PP	PINPOINT IP Camera set-up adaptor
VAD-PSP	POINTSOURCE Plus, Battery-powered POE injector
VAD-PSW	POINTSOURCE Wireless, Battery-powered POE injector with wireless network link



PINPOINT is also available, offering a lower cost wired connection to a local laptop.

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