POINTSOURCE™ WIRELESS

PORTABLE POE INSTALLATION TOOL WITH WIRELESS LINK

Install, configure, focus and align IP cameras with a wireless link to your tablet or smartphone

POINTSOURCE Wireless is a battery-powered POE injector, with a wireless network link, designed to allow simple and efficient IP camera installation with live video to smartphones, tablets and laptops.

Allows local viewing of IP camera video wirelessly on smart devices

Enables rapid and precise adjustment of camera alignment, focus and field of view

Removable, rechargeable battery with sufficient power for a day's installation work

Additional spare batteries available as an option for rapid swap over

Supports all classes of 802.3af and 802.3at POE devices

Includes convenient USB charging point for tablets and smart phones

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Portable POE battery pack with removable, rechargeable battery module, for site installation of IP cameras and site surveys

POINTSOURCE WIRELESS has automatic camera discovery and wireless video to your smart phone or tablet, and is ideal for powering POE IP cameras in-situ, when in-line POE is not yet available. It includes a convenient USB charging port for your phone or tablet.

Battery powered POE injector with wireless network access

Veracity's POINTSOURCE Wireless is a portable, battery-powered POE injector providing wireless network access to the IP camera it is powering. The POINTSOURCE Wireless device is connected directly to the camera using a standard Ethernet network cable.

This delivers POE to the camera and connects the IP camera to the embedded wireless access point within POINTSOURCE Wireless. By logging into the wireless network, live video can be viewed wirelessly on a smartphone or tablet. POINTSOURCE Wireless features automatic camera discovery, including ONVIF.

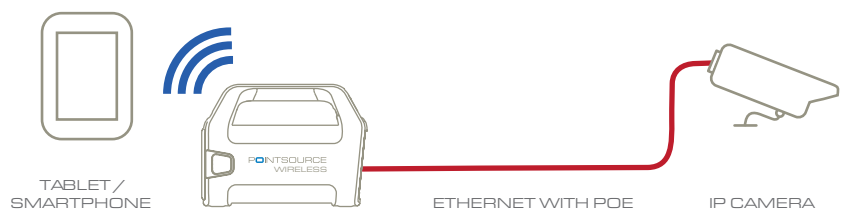POINTSOURCE Wireless has a default network SSID with password and an IP address for accessing the device itself. These may be changed as required by the user. A reset function is available to reset the device to default factory settings.

Upon connecting to POINTSOURCE Wireless with a wireless-network-enabled laptop, tablet or smartphone, the user is presented with a web page, allowing configuration of the POINTSOURCE Wireless itself and showing the IP address(es) of the connected camera(s). Note that it is possible for there to be more than one camera in the list if the camera side of POINTSOURCE Wireless is connected to a switch and/or if the downstream network connection is also connected to an active main network (see User's Manual for details). Configuration functionality depends upon the IP camera manufacturer's supported features and functions.

Portable, rechargeable, power where and when you need it

POINTSOURCE Wireless has a rechargeable, removable, battery module which provides enough power for a typical full day's camera installation work. The POE output is 802.3af and 802.3at compatible, providing POE power up to 30W.

The battery module is removed for charging purposes. The spring-loaded battery module is easily released by pressing in locking tabs on either side of POINTSOURCE Wireless and reinserted by pushing the module back in until it clicks and locks into place. Additional battery modules are available as an option.

TABLET / SMARTPHONE   POINTSOURCE WIRELESS   ETHERNET WITH POE   IP CAMERA

POINTSOURCE Wireless powers the IP camera with POE and provides wireless network access to the camera.

What is included in the POINTSOURCE Wireless package?

The package includes the POINTSOURCE Wireless unit and removable battery module, a shoulder strap, universal charger (UK, US, EU, and AU plug types) and operating instructions.

POINTSOURCE Wireless Functionality

POINTSOURCE Wireless can deliver up to 30 watts of POE power to the IP camera, whilst simultaneously providing 2.4GHz or 5GHz wireless network access to the POINTSOURCE Wireless device & the camera. The POINTSOURCE Wireless SSID, password and wireless band may be configured by the user.

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.

Battery Life & Status

POINTSOURCE Wireless has an expected useful battery life of about 3 years, or 200 to 300 charging cycles, depending upon discharge depth and operating temperature. Replacement battery modules and spare battery chargers are both available – see Product Codes for ordering information*. The battery status indicator shows the remaining charge available in steps of 25%.

USB Charging Point

The USB connection may be used for charging smart phones and tablets, and is iPad compatible. The USB port has no data connection function.

IP Camera Installation Tool Comparison Table

PINPOINT	Wired connection	▷ Requires POE input (pass-through)
PINPOINT Wireless	Wireless connection	
POINTSOURCE Plus	Wired connection	▷ Provides POE output (from battery)
POINTSOURCE Wireless	Wireless connection	

*Additional battery modules are available. Part code VAD PS-BM

TECHNICAL SPECIFICATION

POINTSOURCE™ WIRELESS

POWER

POE output	48V DC, IEEE 802.3af/at compliant (POE, POE+, up to 30W)
USB charging port	5V, 2.1A, power only, no data
Battery type	Maintenance-free, sealed lead-acid battery, 12V, 3.4Ah
Discharge time	6 hours continuous for a 5 watt camera (typical)
Charger	Three-stage intelligent (14.4V / 1A / 13.8V float)

NETWORK

Wired network interface	"Camera" port: 10BaseT/100BaseT with POE
	"Network" port: 10BaseT/100BaseT data only
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
Battery status indicator	Green four-bar display indicates charge level: 100% - 75% - 50% - 25%
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, one with POE
USB connector	1 x USB Type A (power only)
Charging connector	2.1mm jack, centre positive (on battery module – remove to charge)

COMPATIBILITY

Camera discovery	Automatic camera discovery using Bonjour or WS-Discovery (ONVIF)
Supported IP cameras	All IP cameras supporting live-viewing via browser on smart device
	or with RTSP url address

PHYSICAL / ENVIRONMENTAL

Dimensions	L 205mm W 100mm H 150mm (5 $^5/_{16}$ x 3 $^{15}/_{16}$ x 8 1/$_{16}$ in)
Weight	Unit including battery module: 2.2kg (4.8lb) Battery module: 1.6kg (3.5lb)
Operating temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	- 30°C to 70°C (- 22°F to 158°F)
Battery charging temperature	0°C to 35°C (32°F to 95°F)
Relative humidity	20% to 85%, non-condensing

COMPLIANCE

Main unit	EN 55022 Class B, FCC Part 15 Subpart B Class A + B, ICES-003 Class B, VCCI Class B, C-tick S/NZS CISPR 22 Class B, IEC/EN/UL 60950-1, CE, RoHS, REACH, WEEE
Battery	UL, IMDG, IATA (non-restricted, OK to transport by air), CE, RoHS, REACH Exempt, WEEE, ADR, ECHA, DoT

WARRANTY

Veracity 2-year warranty

PRODUCT CODES

VAD-PSW	POINTSOURCE Wireless unit, inc. battery module, charger & carry strap
VAD-CHGR	Additional battery charger
VAD-PS-BM	Additional battery module

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