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DATASHEET

PORTABLE BATTERY POWERED POE INJECTOR
**POINTSOURCE™
PLUS**



Install, configure,
focus and align IP
cameras without
network or POE

POINTSOURCE Plus™ is a rechargeable, portable, battery powered POE injector for IP cameras specifically designed to make installation, site surveys, demonstration and test work simple and fast.

- | Allows local viewing of IP camera on laptop close to camera
- | Enables rapid, precise adjustment of camera alignment, focus and field of view
- | Includes USB power port for charging phones and tablets
- | Removable, rechargeable battery with sufficient power for a full day's installation work
- | Supports all classes of 802.3af and 802.3at POE devices
- | Installs and removes in seconds and reduces on-site time
- | Additional spare batteries available for rapid swap over



Portable POE battery pack for installation site work, site surveys and demonstrations

POINTSOURCE Plus is ideal for powering POE IP cameras in-situ, when in-line POE is not yet available. It permits complete camera alignment, focus, configuration and test from a locally-connected laptop

Portable, Rechargeable, Power Where You Need It

Veracity's POINTSOURCE Plus is a portable, rechargeable battery - powered POE (Power over Ethernet) injector. It is designed for field use, being compact, easy to handle, with a useful shoulder strap, which leaves your hands free. It can deliver enough power to support a full day's IP camera installation work.

POINTSOURCE Plus provides a similar functionality to Veracity's PINPOINT, but includes a built-in POE power source to allow installation and set-up of IP cameras before POE power is available through the network.

POINTSOURCE Plus can be used with all IEEE 802.3af and IEEE 802.3at POE compatible equipment, (commonly known as POE and POE Plus) including

IP cameras, Wireless Access Points, VOIP phones and POE-powered Access Control devices.

On Site Configuration

The most common application for POINTSOURCE Plus is the in-situ configuration, set-up and fine adjustment of IP cameras on an installation site. By simply connecting a laptop to the IP camera through POINTSOURCE Plus, all aspects of the camera image (focus, direction, aperture, zoom, resolution, compression etc.) can easily be viewed and adjusted.

On Site Surveys and Pre-Installation Trials

POINTSOURCE Plus allows the rapid set-up of an IP camera during site surveys, allowing the integrator to capture snapshots or video clips of the

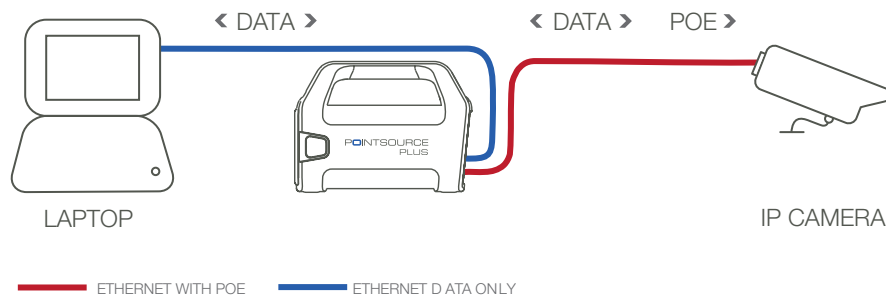
actual on-site scenes for presentation to the prospective end-user. This is an effective example of the saying "A picture paints a thousand words."

Customer Demonstrations Can Be Given Anywhere

Any new IP camera can very quickly be demonstrated to a client or consultant using just the camera, a laptop and the POINTSOURCE Plus package. No external power or network switch is required, allowing demonstrations to be done anywhere, from a café table top to a desert road.

Mobile & Temporary Installations

A POINTSOURCE Plus and IP camera with an SD-card slot are all that is required for a very compact and easily transported temporary IP video surveillance recording system.



POINTSOURCE Plus delivers Ethernet and POE Plus to an IP camera for installation and set-up.

POINTSOURCE Plus is an indispensable tool for all IP camera installers

The POINTSOURCE Plus package includes the POINTSOURCE Plus unit and rechargeable battery module (removable), a shoulder strap, universal charger (UK, US, EU and AU plugs), and a Quick Start Guide.

POE and POE Plus

POINTSOURCE Plus complies with universal IEEE 802.3af and IEEE 802.3at POE standards, and can deliver up to 25 watts of POE power. Integrated network crossover ports allow the direct connection of a laptop (shown in the diagram opposite).

USB Charging Point

A convenient 5V USB port is provided for charging smart phones and tablets, whilst on site. The USB port has no data connection function.

LED Indicator

The POE port LED indicates when POE is being delivered to a compatible device connected to the Camera port. If an incompatible device is connected (or needs too much power) then the red LED will flash indicating the problem.

Removable Battery Module

POINTSOURCE Plus has a removable, rechargeable battery module which provides enough power for a full day's installation work. The battery module is removed for recharging purposes.

Additional battery modules are also available as an option.

Battery Life and Status

POINTSOURCE Plus has a battery life of 3 to 5 years, or 200 - 1000 cycles depending upon discharge depth and operating temperature. The battery status indicator shows the remaining charge in steps of 25%. The simple design of the system allows the removable battery to be recharged whilst POINTSOURCE Plus continues to be used with a second battery.



IP CAMERA INSTALLATION TOOL COMPARISON TABLE

PRODUCT	CONNECTION	POE POWER SOURCE
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™ PLUS

POWER	POE output USB output Battery type Battery module Discharge life Charger	48V DC, IEEE 802.3af and 802.3at compliant (POE and POE Plus) 5V DC 2.1A, power only, no data Maintenance-free, sealed lead-acid battery 12V, 3.4Ah Removable, rechargeable battery module 6 hours continuous for a 5 watt camera (typical) Three-stage intelligent (14.4V / 1A / 13.8V float)
NETWORK	'Camera' Port 'Network' Port	10/100BaseTX with POE 10/100BaseTX with data only (laptop connection)
LED INDICATORS & CONNECTORS	POE status indicator Battery status indicator Network port LEDs Network connectors USB connector Charging connector	Red LED shows ON, flash indicates error, off indicates no POE Green four-bar display indicates charge level : 100% - 75% - 50% - 25% Green: Link speed Orange: Network activity 2 x RJ45, one with POE 1 x USB Type A (power only) 2.1mm jack, centre positive (on battery module – remove unit to charge)
PHYSICAL/ENVIRONMENTAL	Dimensions Weight Operating temperature Storage temperature Charge temperature Relative humidity	L 205mm W 100mm H 150mm (5 5/16 x 3 15/16 x 8 1/16 in) Unit including battery module: 2.2kg (4.8lb) Battery module: 1.6kg (3.5lb) 0°C to 50°C [32°F to 122°F] -30°C to 70°C [-22°F to 158°F] Module 0°C to 35°C [32°F to 95°F] 20% to 85%, non-condensing
COMPLIANCE	Main unit Battery Module	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 UL, IMDG, IATA (non-restricted, OK to transport by air), CE, RoHS, WEEE Compliant*, ADR, ECHA, DoT
WARRANTY	Veracity 2-year warranty	
PRODUCT CODES	VAD-PSP VAD-CHGR VAD-PS-BM	POINTSOURCE Plus, Portable POE Injector. Includes carry strap, battery module, universal charger (UK, US, EU, AU) and Quick Start Guide. Additional battery charger Additional battery module

* The Battery Module is WEEE Compliant. When the battery has reached end-of-life it must be disposed of either at a lead-acid battery collection facility, or via Veracity's defined RMA process. Please contact rma@veracityuk.com or support@veracityusa.com for further details.



POINTSOURCE Wireless is also available, allowing wireless viewing on smart phones and tablets



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