

# VERACITY | IP TRANSMISSION PRODUCT GUIDE



## ETHERNET OVER COAX

### HIGHWIRE™



PRODUCT CODE **VHW-HW**

## HIGHWIRE

- Upgrade analogue to IP cameras - no recabling.
- Uses legacy coaxial cabling.
- Supports HD and Mega-Pixel cameras.
- Fully transparent duplex 100Base-T.
- Easy install - no IP address or other setup.
- 500m on RG11 or Up to 300m on RG59.
- 12-40V DC or 24V AC power input.

Unit Size L:104mm W:54mm H:24mm.

## POE OVER COAX (BASE & CAMERA)

### HIGHWIRE POWERSTAR™



PRODUCT CODES **HW-HWPS-B**  
**HW-VWPS-C**

## HIGHWIRE POWERSTAR

- Upgrade analogue to IP cameras - no recabling.
- Same as HIGHWIRE with POE over coax.
- POE switch powers HIGHWIRE Base unit, HIGHWIRE Camera unit and IP Camera.
- For maximum range & power Veracity's 57V DC PSU can be used as alternative to POE in.
- Up to 25W POE to IP camera with 57V DC PSU.

Unit Size L:104mm W:54mm H:24mm.

## 2 PORT POE OVER COAX (CAMERA)

### HIGHWIRE POWERSTAR DUO™



PRODUCT CODE **HW-HWPS-C2**

## HIGHWIRE POWERSTAR DUO

- Replace 1 analogue camera with 2 IP cameras without recabling.
- Combines standard HIGHWIRE with two-port POE network switch. No configuration required.
- Use standard HIGHWIRE base units at the base end.
- VHW-HWPS-C2 is auto-sensing, so will not output POE to the camera if not required.

Unit Size L:132mm W:75mm H:22mm

## 4 PORT POE OVER COAX (CAMERA)

### HIGHWIRE POWERSTAR QUAD™



PRODUCT CODE **HW-HWPS-C4**

## HIGHWIRE POWERSTAR QUAD

- Replace 1 analogue camera with up to 4 IP cameras without recabling.
- Supports up to four HD or mega-pixel cameras over one coax link.
- Uses standard HIGHWIRE base units at the base end.
- VHW-HWPS-C4 is auto-sensing.

Unit Size L:132mm W:75mm H:22mm

## 4 PORT POE OVER COAX (BASE)

### HIGHWIRE POWERSTAR BASE 4™



PRODUCT CODE **HW-HWPS-B4**

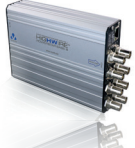
## HIGHWIRE POWERSTAR BASE 4

- Replaces typical 4-channel analogue video encoders with Ethernet & POE for IP cameras.
- Ethernet and POE over coax.
- Re-uses existing coax.
- Fully automatic configuration.
- Gigabit Ethernet network uplink - SFP port, for optional fibre uplink.

Unit Size L:173mm W:110mm H:22mm

## 8 PORT POE OVER COAX (BASE)

### HIGHWIRE POWERSTAR BASE 8™



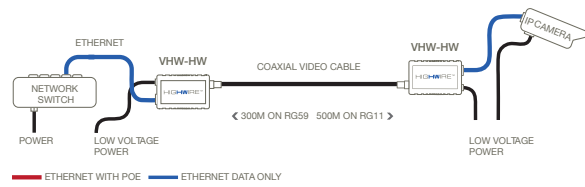
PRODUCT CODE **VHW-HWPS-B8**

## HIGHWIRE POWERSTAR BASE 8

- 8 channels per Base unit, up to 32Ch in 1U.
- Full duplex 100Base-TX on each coax link.
- Gigabit uplink port - fibre option via SFP socket.
- Only 1 main switch port needed per 8 channels.
- POE or POE Plus per channel, on all channels.
- Up to 300m on RG59, 500m on RG11.
- Automatic configuration for simple installation.

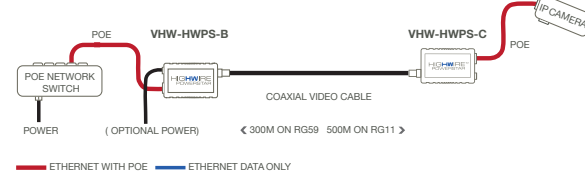
Unit Size L:173mm W:110mm H:40mm

## COAX 500M MAX | ETHERNET OVER COAX



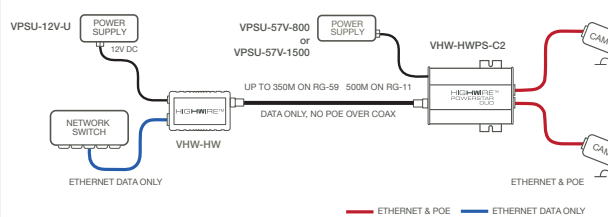
POWER SUPPLIES

## COAX 500M MAX | ETHERNET & POE OVER COAX



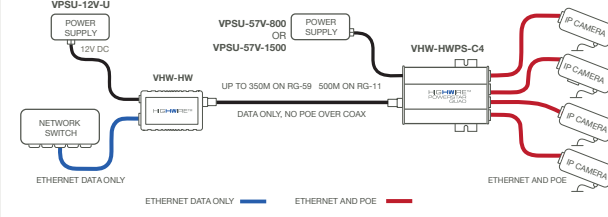
POWER SUPPLIES

## COAX 500M MAX | ETHERNET & POE OVER COAX



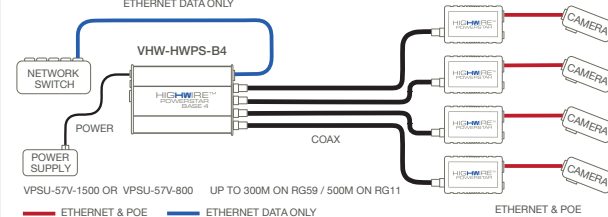
POWER SUPPLIES

## COAX 500M MAX | ETHERNET & POE OVER COAX



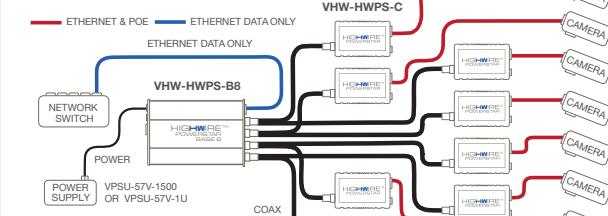
POWER SUPPLIES

## COAX 500M MAX | ETHERNET & POE OVER COAX



POWER SUPPLIES

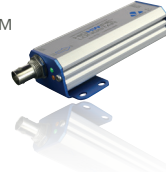
## COAX 500M MAX | ETHERNET & POE OVER COAX



POWER SUPPLIES

## LONG RANGE POE OVER COAX

### HIGHWIRE LONGSTAR™



PRODUCT CODES

**VLS-1P-BC**  
**VLS-1P-CC**  
**VLS-1N-LC (Non POE)**

## POE OVER COAX BUNDLE

### HIGHWIRE™ ENCODER REPLACEMENT KIT



PRODUCT CODES

**VHW-HWPS-ERK4-UK or EU or US**

## ETHERNET & POE EXTENDER

### OUTREACH MAX™



PRODUCT CODE **VOR-ORM**

## ETHERNET EXTENDER

### OUTREACH LITE™



PRODUCT CODE **VOR-ORL**

## EXTERNAL ETHERNET EXTENDER

### OUTREACH MAX / LITE XT™



PRODUCT CODES **VOR-ORM-XT**  
**VOR-ORL-XT**

## NTP MASTER TIME SERVER

### TIMENET PRO™



PRODUCT CODE **VTN-TN-PRO**  
**VTN-EXTEND**

## HIGHWIRE LONGSTAR

- Long range Ethernet & POE over coax cable.
- Fully automatic.
- Unrestricted 100Base-T and POE over 1400m (4,600ft) on RG11.
- Ruggedised, extreme temperature range.
- BS EN 50121-4 compliant (rail and metro).
- Up to 4.2km (2.5 miles) data-only link at 10Base-T without POE.

Unit Size L:115mm W:55mm H:27mm

## HIGHWIRE ENCODER REPLACEMENT KIT

- Kit comes with HIGHWIRE Base 4, Four HIGHWIRE Powerstar (camera) devices and a 1500mA 57V power supply.
- Fully automatic configuration.
- Replaces typical analogue video encoders with Ethernet and POE over coax re-using existing coax for IP cameras.

Base Unit Size L:173mm W:110mm H:22mm

## OUTREACH MAX

- Extends Cat5/6 Ethernet by 100 metres.
- Powered by POE.
- Daisy-chain units for multiples of 100 metres.
- Easy to install, no set-up required.
- POE and POE Plus compliant (IEEE 802.3af and 802.3at).
- Handles up to 60W high-power.
- Full POE delivery at 200/300m (1unit/2units).

Unit Size L:105mm W:40mm H:22mm

## OUTREACH LITE

- Universal Ethernet network range extender.
- Double your network range without having to install switch power cables.
- No local power required. POE powered.
- Full unrestricted network bandwidth - 10/100.
- LAN extender for non-POE devices.

Unit Size L:105mm W:40mm H:22mm

## OUTREACH MAX XT / OUTREACH LITE XT

- External version of OUTREACH Max/Lite.
- Tough IP66 rated enclosure for external installation. Secure wall mounting.
- Rated -40°C to +60°C for external use.
- ORL XT version extends LAN to non-POE devices.
- Compatible with POE, POE Plus and custom POE to 60 watts.

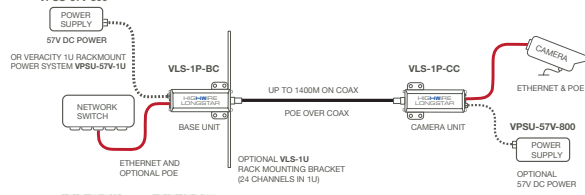
Unit Size L:210mm W:50mm H:31mm

## TIMENET PRO

- Master Network Time Protocol (NTP) clock.
- Worldwide GPS-based time reference.
- Supports Windows, Linux, MacOS and most embedded systems.
- Avoids use of internet time network ports.
- Compact, wall mountable.
- Simple browser interface.
- Also perfect for mobile/vehicle applications.

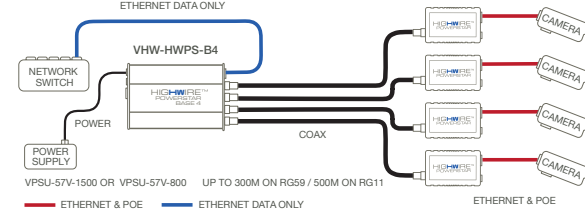
Unit Size L:87mm W:75mm H:22mm

## COAX 1400M MAX | LONG RANGE ETHERNET & POE



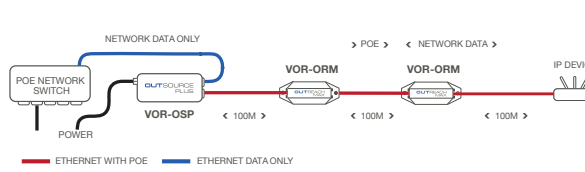
POWER SUPPLIES (12V for Lite)

## COAX 500M MAX | ETHERNET & POE OVER COAX



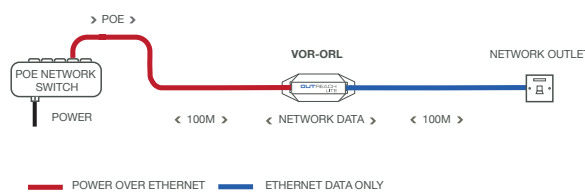
POWER SUPPLY | 57V 1500mA INCLUDED IN BUNDLE

## CAT5/6 | 100M EXTENSION PER UNIT | LAN & POE



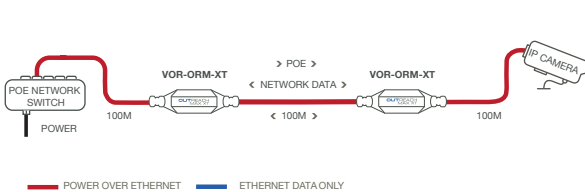
POWER SUPPLY | POE POWERED

## CAT5/6 | 100M EXTENSION PER UNIT | LAN



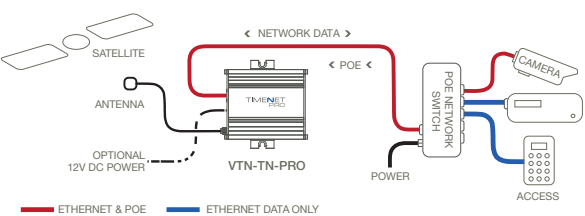
POWER SUPPLY | POE POWERED

## CAT5/6 | 100M EXTENSION PER UNIT | LAN & POE



POWER SUPPLY | POE POWERED

## STRATUM 1 NTP | GPS TIME REFERENCE



POWER SUPPLY OR POE POWERED

## LONG RANGE ETHERNET & POE

**LONGSPAN™**

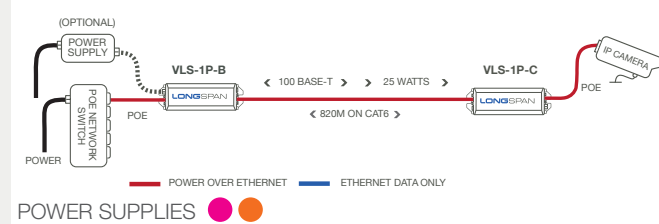


PRODUCT CODE **VLS-1P-B**  
**VLS-1P-C**

## LONGSPAN

- Ruggedised, long range point-to-point Ethernet over Cat5/Cat6.
  - Unrestricted 100Base-T with POE.
  - Smart power and diagnostic display for reliable installation.
  - 600m on Cat6 @100Mbit/s - full 25W POE Plus.
  - 820m on Cat6 @100Mbit/s -16W POE delivery.
- Unit Size L:120mm W:36mm H:23mm.

## ETHERNET 820M MAX | 1 PORT ETHERNET WITH POE



## LONG RANGE ETHERNET

**LONGSPAN LITE™**

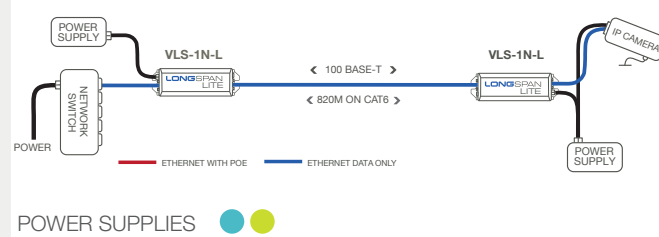


PRODUCT CODE **VLS-1N-L**

## LONGSPAN LITE

- Same as LONGSPAN without POE transmission.
  - Ruggedised, long range point-to-point Ethernet over Cat5/Cat6 Extender.
  - Back-to-back pairs of LONGSPAN units can be used to increase the maximum distance.
  - High performance over extreme temperatures.
  - Fully automatic, easy install, maintenance-free.
- Unit Size L:120mm W:36mm H:23mm.

## ETHERNET 820M MAX | 1 PORT ETHERNET DATA ONLY



## POE POWERED NETWORK SWITCH

**CAMSWITCH 4 PLUS™**

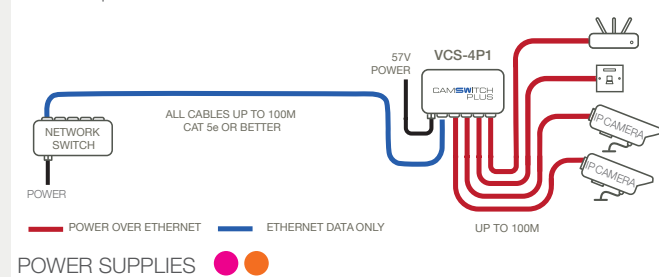


PRODUCT CODE **VCS-4P1**

## CAMSWITCH 4 PLUS

- POE-powered network switch with POE+ out.
  - Compact, rugged and versatile.
  - 802.3af and 802.3at compliant output.
  - 57V DC input option for max efficiency.
  - Includes wall-mounting brackets.
  - 1 x POE input/network uplink + 4 x POE ports.
  - Ideal for small IP camera installation.
- Unit Size L:110mm W:64mm H:22mm.

## CAT5/6 | ETHERNET & POE OUT



## POE POWERED NETWORK SWITCH

**CAMSWITCH 8 PLUS™**

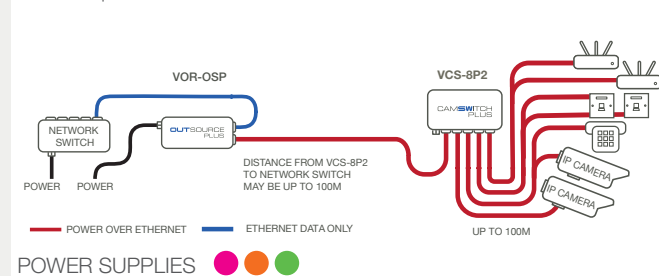


PRODUCT CODE **VCS-8P2**

## CAMSWITCH 8 PLUS

- POE-powered network switch with POE+ out.
  - Compact, rugged and versatile.
  - 802.3af and 802.3at compliant output.
  - 57V DC input option for maximum efficiency.
  - Includes wall-mounting brackets.
  - 1 x POE input + 1 x uplink + 8 x POE ports.
  - Ideal for small IP camera installation.
- Unit Size L:110mm W:64mm H:40mm.

## CAT5/6 | ETHERNET & POE OUT



## 12V-24V POE PLUS NETWORK SWITCH

**CAMSWITCH 4 MOBILE™**

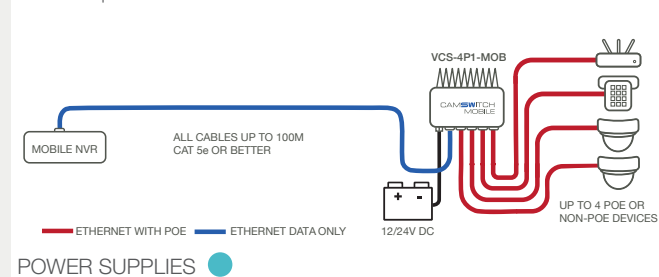


PRODUCT CODE **VCS-4P1-MOB**

## CAMSWITCH 4 MOBILE

- Low voltage POE Plus switch for 12/24V applications.
  - Install IP cameras, POE and network devices in transport, battery/solar powered, and other low voltage applications.
  - 4 + 1 port 10/100 Ethernet network switch with flexible 8.5V to 40V DC supply input.
  - 4 x POE+ 802.3af/at compliant output (POE power budget 100W).
- Unit Size L:110mm W:100mm H:40mm

## CAT5/6 | ETHERNET & POE OUT from 12/24V



## 12V-24V POE PLUS NETWORK SWITCH

**CAMSWITCH 8 MOBILE™**

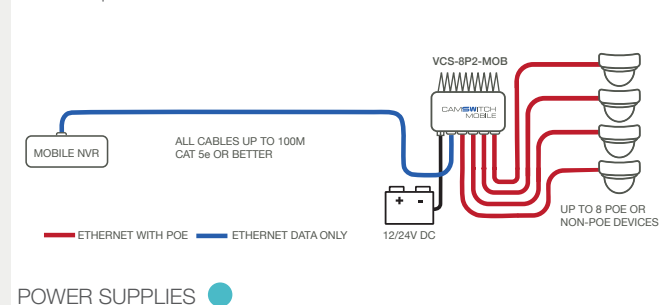


PRODUCT CODE **VCS-8P2-MOB**

## CAMSWITCH 8 MOBILE

- Low voltage POE Plus switch for 12/24V applications.
  - Install IP cameras, POE and network devices in transport, battery/solar powered, and other low voltage applications.
  - Converts a wide input voltage range to POE levels.
  - 8 + 2 port 10/100 Ethernet network switch with flexible 8.5V to 40V DC supply input.
  - 8 x POE+ 802.3af/at compliant output (POE power budget 200W).
- Unit Size L:110mm W:100mm H:40mm

## CAT5/6 | ETHERNET & POE OUT from 12/24V



## 1U RACKMOUNT POWER SUPPLY

**1U RACKMOUNT POWER SUPPLY**

PRODUCT CODES  
**VPSU-57V-1U-UK**  
**VPSU-57V-1U-US**  
**VPSU-57V-1U-EU**



## POE MIDSPAN INJECTOR

**OUTSOURCE™ PLUS**



PRODUCT CODE **VOR-OSP**

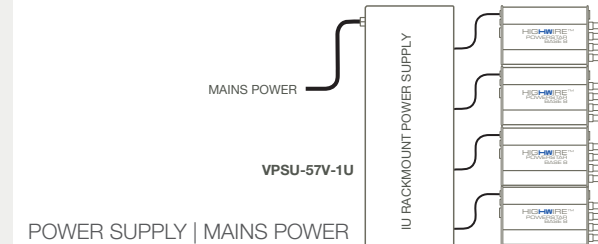
## 1U RACKMOUNT POWER SUPPLY FOR POE

- Rack mount POE power source in 1U format.
  - Mounts with Base units in same 1U for max density - includes cables to Base units.
  - Maximum 57V POE voltage for optimum power and distance.
  - Integrated overload protection & UL certification.
  - Dual units can provide fully redundant power.
- Unit Size L:130mm W:442mm H:45mm

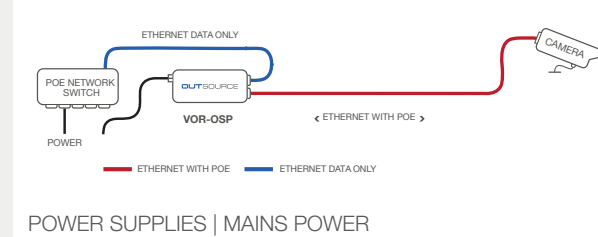
## OUTSOURCE PLUS

- POE+ Midspan injector (30W).
  - Delivers enhanced POE to all 802.3af/802.3at POE and POE Plus devices.
  - Automatically detects compatible devices.
  - Straight forward installation for high power devices. Compact, wall-mountable unit.
  - Safety assured, Integrated overload protection.
- Unit Size L:163mm W:65mm H:36mm

## POWER SUPPLY | UK/EU 400W MAX, US 350W MAX



## CAT5/6 | 30W POE SOURCE MIDSPAN INJECTOR



## PORTABLE POE INSTALLATION TOOL

**POINTSOURCE WIRELESS™**

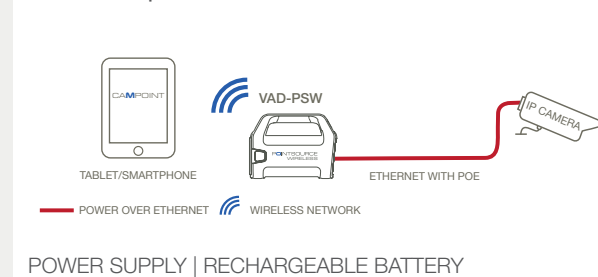


PRODUCT CODE **VAD-PSW**  
**VAD-PS-BM**

## POINTSOURCE WIRELESS

- Allows rapid adjustment, alignment, focus and field of view of IP camera, wirelessly on smart devices close to camera. Supports all classes of 802.3af and 802.3at POE devices.
  - Removable, rechargeable battery with sufficient power for a day's installation work.
  - Additional spare batteries - rapid swap over.
  - USB charging point for tablets/smartphones.
- Unit Size L:205mm W:100mm H:150mm

## WIRELESS | BATTERY POWERED POE INJECTOR



## PORTABLE POE INSTALLATION TOOL

**POINTSOURCE PLUS™**

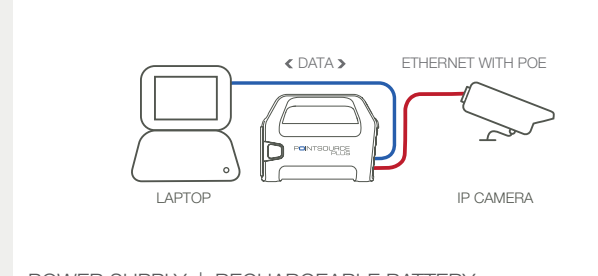


PRODUCT CODES **VAD-PSW**  
**VAD-PS-BM**

## POINTSOURCE PLUS

- Allows rapid adjustment, alignment, focus and field of view of IP camera, on devices close to camera.
  - Removable, rechargeable battery with sufficient power for a day's installation work.
  - Portable POE source for field use.
  - Locally view IP camera on your laptop.
  - Tool for installation, testing, surveys, inspections.
- Unit Size L:205mm W:100mm H:150mm

## BATTERY POWERED POE INJECTOR



## WIRELESS CAMERA INSTALLATION TOOL

**PINPOINT WIRELESS™**

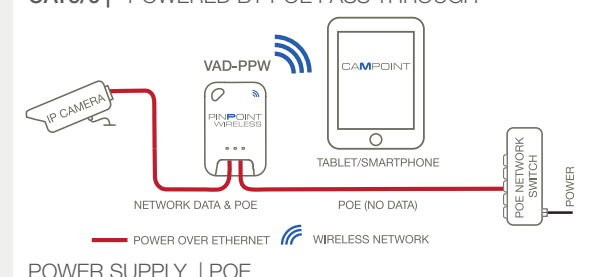


PRODUCT CODE **VAD-PPW**

## PINPOINT WIRELESS

- Allows local viewing, with wireless link of IP camera images on smartphone, tablet or laptop close to camera. Enables rapid, precise adjustment of lens focus and viewing angle.
  - Uses Power over Ethernet from the network - no local power is required. Uses only 2W.
  - Installs in seconds - removes in seconds.
  - CAMPOINT Installation App for iOS & Android.
- Unit Size L:128mm W:82mm H:28mm

## CAT5/6 | POWERED BY POE PASS THROUGH



## CAMERA INSTALLATION TOOL

**PINPOINT™**

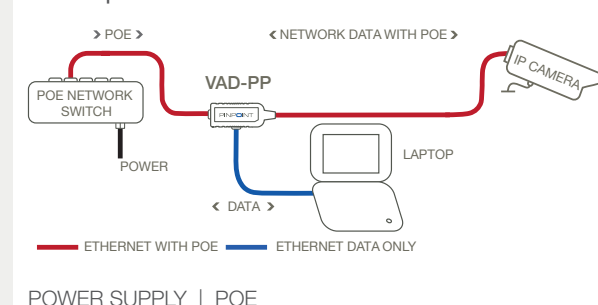


PRODUCT CODE **VAD-PP**

## PINPOINT

- Allows local viewing of IP camera images on laptop close to camera. Enables rapid, precise adjustment of lens focus & viewing angle.
  - Uses POE from network, no local power needed.
  - Increases installation speed, less time on site.
  - Low cost re-useable device.
  - Installs in seconds - removes in seconds.
- Unit Size L:65mm W:32mm H:20mm  
Plus 1000mm Flying Lead

## CAT5/6 | POWERED BY POE PASS THROUGH



ASSOCIATED PRODUCTS ● 57V 800mA ● 57V 1500mA ● 57V 1U RACK 8800mA ● 12V UNIVERSAL POWER SUPPLY ● 24V RMPSU

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