



Compact, versatile POE switches that provide POE Plus from 12 or 24 volts

CAMSWITCH Mobile offers the ideal network solution for transport, battery, solar and low-voltage applications.

- 802.3af POE / 802.3at POE Plus compatible outputs
- Converts a wide input voltage range to POE levels
- Up to 80 watt power budget
- | Auto-configuring 10/100 Ethernet switch
- 4+1 and 8+2 channel models
- Rugged enclosure with adjustable mounting brackets



TECHNICAL SPECIFICATION



POWER INPUT

DC Connector DC Voltage

Fusina

Device Power

Detachable screw terminal

8.5 - 40V (minimum startup voltage is 10.5V, supports engine cranking and reduce overdischarge) DC only (contact Veracity for 24V AC applications) The use of an external fuse is recommended. Rating: 5 amps for 24V DC or 10 amps for 12V DC supply, slow blow type

3 watts

POE OUTPUTS

POE standard

IEEE 8023.af / IEEE 802.3at compatible

Not isolated from DC input; for use in closed system transport applications; connected devices must be IEEE compliant Veracity enhanced POE supports maximum efficiency and range

POWER BUDGET

24V input 12V input <12V input

80 watts total camera power

80 watts (reduce to 65 watts for max 30°C temperature rise above ambient)

60 watts (reduce to 50 watts if voltage can drop below 10V)

POE power conversion produces heat; the above limits are for horizontal

mounting with ventilation

Installation in enclosed spaces will cause additional heating and power limiting

Warning: enclosure may become hot in operation

ETHERNET INTERFACE

Connector Rates Cable

RJ45, 5-port unmanaged 10/100 switch

100Base-TX or 100Base-T and duplex, auto-configuring for speed

Straight through or crossover Cat5, Cat5e or Cat6 patch

VCS-8P2-MOB supports VLAN trunking

LED INDICATORS

Green - POE Ports

Green - Non POE Ports

Yellow

Constant POE enabled Off No POE requested

Constant Power OK No power Ethernet OK Constant Blink Network activity

PHYSICAL/ENVIRONMENTAL

Dimensions

Mounting (brackets inc.)

Weight

Operating temperature Relative humidity Compliance

L 110mm / 131mm with side clips W 100mm including connectors H 40mm

5mm mounting holes on 122mm centres 290g [10.2oz] (VCS-4P1-MOB) / 350g [12.3oz] (VCS-8P2-MOB)

-10°C to 50°C [14°F to 122°F] Up to 85%, non-condensing

CE, FCC, RoHS

PRODUCT CODES

VCS-4P1-MOB VCS-8P2-MOB VPSU-12V-U VQ-24

CAMSWITCH 4 Mobile | 4+1 port 12/24VDC 802.3at switch CAMSWITCH 8 Mobile | 8+2 port 12/24VDC 802.3at switch Veracity 12V DC power supply, universal (UK/US/EU) Veracity 24V DC power supply



CAMSWITCH Plus is also available in 4+1 and 8 + 2 models. They are compact, versatile POE switches that provide POE Plus from 57 volts.

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Surge Protection

All Veracity products have been independently tested to verify their resilience to the stringent immunity levels of international standards. Users should note that no electronic equipment can be guaranteed to be completely protected at levels beyond the defined standard; therefore product warranty cannot include damage to products which has been caused by surges exceeding those of the standards specified, for example lightning strike activity.

It is the user's responsibility to implement relevant surge protection measures, as appropriate to the installation. This may include the fitting of additional surge protection devices where required



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