

CAMSWITCH™ MOBILE

COMPACT 802.3AT POE LOW VOLTAGE SWITCHES



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

CAMSWITCH™ 4 MOBILE / 8 MOBILE

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| POWER INPUT | |
| Connector | Detachable screw terminal |
| Voltage | 8.5 - 40V (minimum startup voltage is 10.5V, supports engine cranking and reduce overdischarge) DC only (contact Veracity for 24V AC applications) |
| Fusing | The use of an external fuse is recommended. Rating: 5 amps for 24V DC or 10 amps for 12V DC supply, slow blow type |
| POE OUTPUTS | |
| POE standard | IEEE 802.3af / 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 | 80 watts total camera power |
| 12V input | 80 watts (reduce to 65 watts for max 30°C temperature rise above ambient) |
| <12V input | 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 | RJ45, 5-port unmanaged 10/100 switch |
| Rates | 10BASE-T or 100BASE-T and duplex, auto-configuring for speed |
| Cable | Straight through or crossover Cat 5, Cat 5e or Cat 6 patch VCS-8P2-MOB supports VLAN trunking |
| LED INDICATORS | |
| Green - POE Ports | Constant POE enabled Off No POE requested |
| Green - Non POE Ports | Constant Power OK Off No power |
| Yellow | Constant Ethernet OK Blink Network activity |
| PHYSICAL/ENVIRONMENTAL | |
| Dimensions | L 110mm / 131mm with side clips W 100mm including connectors H 40mm |
| Mounting (brackets inc.) | 5mm mounting holes on 122mm centres |
| Weight | 290g [10.2oz] (VCS-4P1-MOB) / 350g [12.3oz] (VCS-8P2-MOB) |
| Operating temperature | -10°C to 50°C [14°F to 122°F] |
| Relative humidity | Up to 85%, non-condensing |
| Compliance | CE, FCC, RoHS |
| PRODUCT CODES | |
| VCS-4P1-MOB | CAMSWITCH 4 Mobile 4+1 port 12/24VDC 802.3at switch |
| VCS-8P2-MOB | CAMSWITCH 8 Mobile 8+2 port 12/24VDC 802.3at switch |
| VPSU-12V-U | Veracity 12V DC power supply, universal (UK/US/EU) |
| VQ-24 | Veracity 24V DC power supply |



veracity

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