

COMPACT 802.3AT POE LOW VOLTAGE SWITCH

CAMSWITCH™
MOBILE



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

POWER INPUT DC Connector DC Voltage Fusing Power Consumption	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 Internal power dissipation ranges from 3W at zero POE load to ~ 18W at maximum POE load												
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 10BASE-T or 100BASE-T and duplex, auto-configuring for speed Straight through or crossover Cat 5, Cat 5e or Cat 6 patch VCS-8P2-MOB supports VLAN trunking												
LED INDICATORS Green - POE Ports Green - Non POE Ports Yellow	<table> <tr> <td>Constant</td><td>POE enabled</td></tr> <tr> <td>Off</td><td>No POE requested</td></tr> <tr> <td>Constant</td><td>Power OK</td></tr> <tr> <td>Off</td><td>No power</td></tr> <tr> <td>Constant</td><td>Ethernet OK</td></tr> <tr> <td>Blink</td><td>Network activity</td></tr> </table>	Constant	POE enabled	Off	No POE requested	Constant	Power OK	Off	No power	Constant	Ethernet OK	Blink	Network activity
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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, Snap on clips for easy mounting 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, UKCA, NDAA, TAA												
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 A 4+1 model. It's a compact, versatile POE switch that provides POE Plus from 57 volts.

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