

COMPACT 802.3AT POE LOW VOLTAGE SWITCH
CAMSWITCH™
 MOBILE



CAMSWITCH Mobile is a robust network switch that is used in vehicles or in remote locations



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

<p>POWER INPUT</p> <ul style="list-style-type: none"> DC Connector DC Voltage <p>Fusing</p> <p>Device Power</p>	<p>Detachable screw terminal</p> <p>8.5 - 40V (minimum startup voltage is 10.5V, supports engine cranking and reduce overdischarge) DC only (contact Veracity for 24V AC applications)</p> <p>The use of an external fuse is recommended. Rating: 5 amps for 24V DC or 10 amps for 12V DC supply, slow blow type</p> <p>3 watts</p>												
<p>POE OUTPUTS</p> <p>POE standard</p>	<p>IEEE 8023.af / IEEE 802.3at compatible</p> <p>Not isolated from DC input; for use in closed system transport applications; connected devices must be IEEE compliant</p> <p>Veracity enhanced POE supports maximum efficiency and range</p>												
<p>POWER BUDGET</p> <ul style="list-style-type: none"> 24V input 12V input <12V input 	<p>80 watts total camera power</p> <p>80 watts (reduce to 65 watts for max 30°C temperature rise above ambient)</p> <p>60 watts (reduce to 50 watts if voltage can drop below 10V)</p> <p>POE power conversion produces heat; the above limits are for horizontal mounting with ventilation</p> <p>Installation in enclosed spaces will cause additional heating and power limiting</p> <p>Warning: enclosure may become hot in operation</p>												
<p>ETHERNET INTERFACE</p> <ul style="list-style-type: none"> Connector Rates Cable 	<p>RJ45, 5-port unmanaged 10/100 switch</p> <p>100Base-TX or 100Base-T and duplex, auto-configuring for speed</p> <p>Straight through or crossover Cat5, Cat5e or Cat6 patch</p> <p>VCS-8P2-MOB supports VLAN trunking</p>												
<p>LED INDICATORS</p> <ul style="list-style-type: none"> Green - POE Ports Green - Non POE Ports Yellow 	<table border="0"> <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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<p>PHYSICAL/ENVIRONMENTAL</p> <ul style="list-style-type: none"> Dimensions Mounting (brackets inc.) Weight Operating temperature Relative humidity Compliance 	<p>L 110mm / 131mm with side clips W 100mm including connectors H 40mm</p> <p>5mm mounting holes on 122mm centres</p> <p>290g [10.2oz] (VCS-4P1-MOB) / 350g [12.3oz] (VCS-8P2-MOB)</p> <p>-10°C to 50°C [14°F to 122°F]</p> <p>Up to 85%, non-condensing</p> <p>CE, FCC, RoHS</p>												
<p>PRODUCT CODES</p> <ul style="list-style-type: none"> VCS-4P1-MOB VCS-8P2-MOB VPSU-12V-U VQ-24 	<p>CAMSWITCH 4 Mobile 4+1 port 12/24VDC 802.3at switch</p> <p>CAMSWITCH 8 Mobile 8+2 port 12/24VDC 802.3at switch</p> <p>Veracity 12V DC power supply, universal (UK/US/EU)</p> <p>Veracity 24V DC power supply</p>												



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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