

COMPACT 802.3AT POE LOW VOLTAGE SWITCH

**CAMSWITCH™  
MOBILE**

# POE PLUS SWITCH

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**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

Constant	POE enabled
Off	No POE requested
Constant	Power OK
Off	No power
Constant	Ethernet OK
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, 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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