

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

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	



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