

# CAMSWITCH QUAD

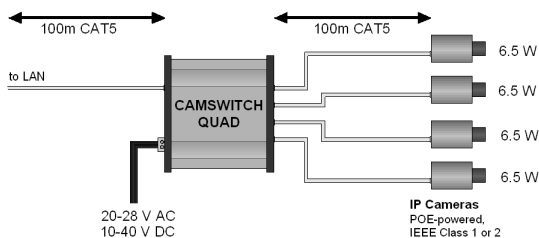


## Features :

### A Network Switch for IP Video:

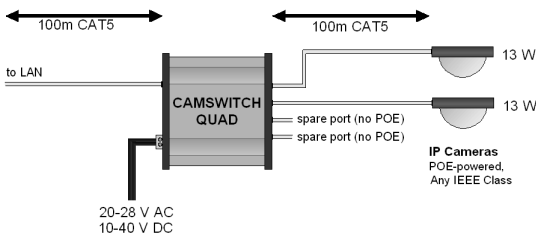
- Five-port unmanaged 10/100 switch
- Power Over Ethernet (POE) supplied to cameras on four ports
- Unique 12V DC / 24V AC power connection via screw terminals
- Automatic Ethernet configuration and safe power management
- Compact, rugged enclosure
- Wall-mountable

### Application examples:



The first diagram illustrates a typical application. CAMSWITCH QUAD detects the IEEE Power Class of all four cameras before safely enabling power to them.

Most POE-compatible IP cameras are IEEE Power Class 2, drawing up to 6.5 Watts. However CAMSWITCH QUAD can support any combination of POE devices as long as its total power budget is not exceeded.



In the second diagram, CAMSWITCH QUAD delivers POE power to two maximum-Power Class devices. The remaining two ports can still be used for Ethernet, but POE power will be refused as it cannot be delivered safely and reliably.

Power for all devices is supplied via CAMSWITCH QUAD's versatile power input, which is designed to be compatible with existing 12V DC or 24V AC supplies, and accepts DC power in either polarity to safeguard against wiring errors.

An optional power supply is also available from Veracity.

### Technical Specification:

#### Ethernet :

Connector type : RJ45, five ports  
Cable type : Straight through or cross-over, auto detected  
Rates supported : 100BaseT / 10BaseT, full / half duplex, auto negotiating

#### Power over Ethernet :

POE standard : IEEE 802.3af on four ports, any Power Class (0-3)  
Max total power : 30.8 Watts (including cable losses)

#### LED Indicators :

Amber :	Constant:	Ethernet link On
	Blink:	Network traffic
Green : (POE ports)	Constant:	POE enabled to port
	Blink:	Port error / insufficient power available
	Off:	No POE requested
Green : (non-POE port)	Constant:	Power OK
	Off:	No power

#### Power

Connector type : Screw terminal plug  
Range : 10V to 40V DC or 24V AC  
Consumption : 4W plus POE outputs (variable)

#### Environmental :

Operating Temp: -10 deg C to 50 deg C  
Relative humidity : 85% non-condensing  
Dimensions : L 90mm x W 110mm x H 33mm (excluding wall mounts)  
Weight : 255g  
Compliance : CE, FCC, RoHS

#### Product Codes :

VCS-CSQ	CAMSWITCH Quad
VQ-24V-UK	24V DC Power Supply with UK lead
VQ-24V-EU	24V DC Power Supply with USA lead
VQ-24V-US	24V DC Power Supply with EU lead

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