



Product Datasheet

Part Code: VSDC-POE-8CH-M12 (xx)

## CAM Switch PoE

Compact versatile PoE switch that provides PoE from a vehicle 12V input.

### Key Features

- With 8x10/100/1000BaseT(X) PoE ports
- Up to 15.4 watts output of each PoE port
- Smart PoE over current and short circuit protection
- Intelligent power consumption detection and classification
- 12 VDC power inputs
- Built-in over-current protection
- Reverse connection protection
- -40 to 75C operating temperature range (WT models)
- No fan, low consumption, industrial design standard, industrial grade electronic components, environmental protection & lead-free production
- Hard aluminum alloy case (Not sheet metal), DIN-rail and wall mounting
- IP Rating up to IP40
- No packet lost in 72 hours full load traffic testing



### Specifications

Switch Properties	packet forwarding rate	13.392Mpps
	Processing Type	Store and Forward
	MAC Table Size	4K
	Jumbo Frame Size	9720Byte
	Backplane	18G
	Packet Buffer Size	1.5Mbit
Interface	RJ45 Ports	10/100/1000BaseT(X) auto negotiation speed
		Full/Half duplex mode
		MDI/MDI-X connection
	PoE Pinout	V+, V+, V-, V- for Pin 1,2,3,6 (End-span)
	LED	RJ45 Ports: Link/Act RJ45 Green LED G1~G8
		PoE Indicator: RJ45 Yellow LED G1~G8
		Power: PWR

## Product Datasheet

### Cam Switch POE

#### Specifications....continued

Power Requirements	Connection	1 removable 6-contact terminal block
	Input Voltage	12VDC
	No-load Power Consumption	5W
	Full-load Power Consumption	8W (Full loading without PDs' consumption)
	Power Budget	130W for total PDs' and switches' consumption
	Power Budget of each PoE port	Max. 15.4W
	Redundant Dual Inputs	Present
	Reverse Polarity Protection	Present
	Over current protection	Present
Physical Characteristics	Housing	Hard aluminum alloy case
	IP Rating	IP40
	Dimensions (W × H × D)	41 × 268 × 128 mm
	Weight	1100g
	Installation	DIN-rail mounting, wall mounting
Environmental Limits	Operating Temperature	Standard Models: -25 to 60°C (-13 to 140°F)
		Wide Temp. Models: -40 to 75°C (-40 to 167°F)
	Storage Temperature	-40 to 85°C (-40 to 185°F)
	Ambient Relative Humidity	5 to 95% (non-condensing)