ON-BOARD POE SWITCH

FEATURES

- MPS801(pictured) supports up to 8 IP cameras; MPS401 supports up to 4
- Full 802.3af PoE support simplifies device integration for any on-board video surveillance application
- Transfer multiple video streams or other on-board data smoothly and quickly via dedicated gigabit uplink port

SMART POWER MANAGEMENT

As the power source from a vehicle is unstable by nature, each model supports a wide voltage input range of 9VDC to 36VDC. Each model provides smart power management with low battery voltage protection, power-on and power-off delay timer, and auto ignition power on/off functions. These unique features can ensure reliable operation and prevent premature failure of the PoE switches.

FOR MOBILE ENVIRONMENTS

The PoE switch is encased in a fanless, dustproof enclosure and can operate under shock, vibration, and temperature extremes from -30°C to 70°C.

LUMINATOR
TECHNOLOGY GROUP

ON-BOARD POE SWITCH

TECHNICAL DATA

Product Ordering Information	
Part/Model Number (N. America)	MPS401 4 PoE Ports MPS801 8 PoE Ports
Electrical Properties	
Operating Voltage	9-36 VDC
Power Consumption	MPS401: 84W@12VDC (MAX) MPS801: 144W @12vDC (MAX)
Ignition In	1, Terminal Block
Interfaces	
Ethernet	MPS401: 4, RJ45 10/100/1000 PoE Port (802.3af) MPS801: 8, RJ45 10/100/1000 PoE Port (802.3af) 1, RJ45 10/100/1000 Ethernet Port
Mechanical Properties	
Weight	1 kg, 2.2 lbs
Dimensions	167 mm x 51.49 mm x 139.6 mm , 6.58 in x 2.31 in x 5.5 in
Mounting	Brackets Included
Environment	
Operating Temperature	-30°C to 70°C, -22°F to 158°F
Storage Temperature	-35°C to 85°C, -31°F to 185°F
Relative Humidity	10% to 90% (Non-condensing)
Cooling	Passive
Shock and Vibration	MIL-STD-810G
Approvals	
E-Mark	✔
FCC	✔
CE	✔

Features and specifications are subject to change without notice. August 2020.

www.luminator.com

LUMINATOR
TECHNOLOGY GROUP