



### APPLICATIONS

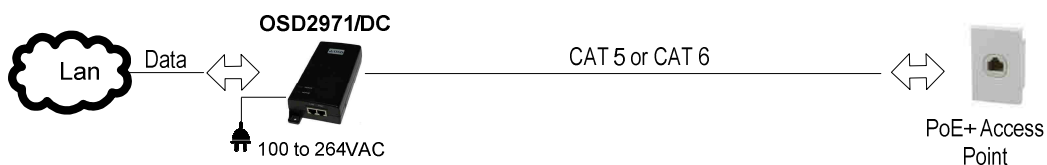
- ▲ Power over Ethernet
- ▲ Networks using Power over Ethernet devices such as IP cameras, intercoms, access control, telephones, variable message signs, wireless access points etc
- ▲ Power distribution for PoE access points



### FEATURES AND BENEFITS

- ▲ Small and robust module powered by standard AC mains supplies (Class II compliant)
- ▲ PoE PSE compliant to IEEE 802.3at and 802.3af
- ▲ Supports networks speeds up to 1000Mbps.
- ▲ Operates over the temperature range of -20 to +65°C
- ▲ Plug and play operation

### TYPICAL SYSTEM DESIGN



### ORDERING INFORMATION

OSD2971/AC PoE+ Injector powered by 100 to 264VAC



## SPECIFICATIONS

---

### ELECTRICAL

Electrical Data Interface	IEEE802.3af/802.3at
Electrical Data Rate	10, 100, 1000Mbps
Electrical Data Connector	RJ45
PoE PSE	Alternative B (Pins 4/5 and 7/8)
PoE Output Power	55V @ 0.65A

### PHYSICAL

Operating Temperature Range	-20 to +65°C
Relative Humidity	0 to 95% non-condensing
Power Requirements	100 to 264VAC @ 0.5VA plus up to an extra 35W for PoE operation (attached powered device dependent)
Power Connection	Australian standard power plug on 1.4 metre lead
Indicators	Power PoE
Dimensions of Module (mm)	166(W) x 84(L) x 41(H) excluding connectors
Weight of Module (kg)	0.6