OSD2905 10/100Base-T ETHERNET EXTENDER
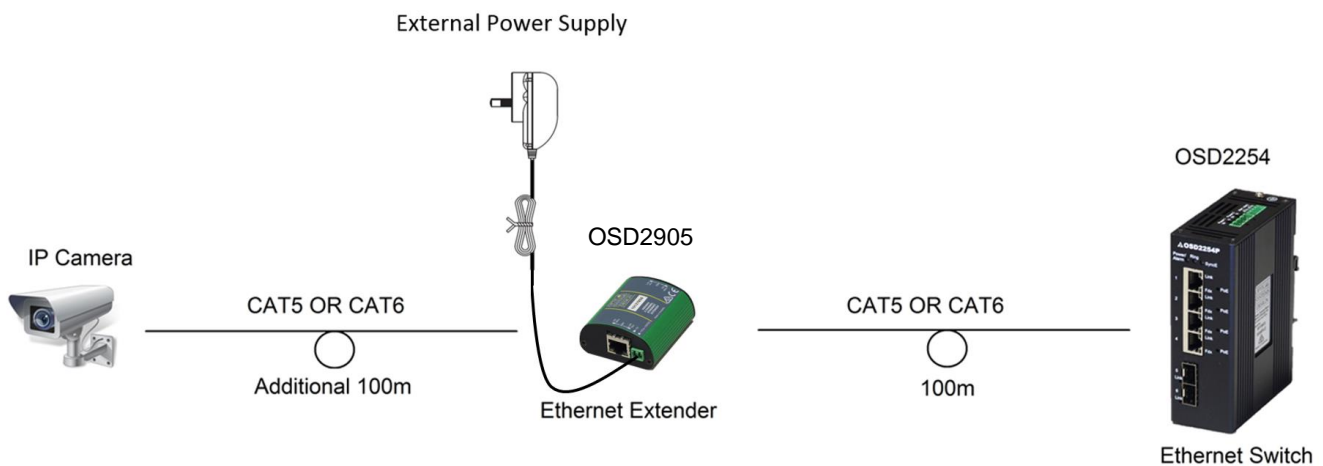
APPLICATIONS

▲ Any network exceeding the 100 meter limitations of Ethernet

▲ Industrial and commercial IP communications

FEATURES AND BENEFITS

▲ Complies with IEEE 802.3 10/100/Base-T standards

▲ Supports network traffic of 100Mbps

▲ Extends the range of 100BaseT networks to 200 meters but with daisy chaining this can be as much as 500 meters

▲ Powered by any non-critical 10 to 35VDC supply

▲ Extremely small and robust module

▲ Operates over the temperature range of -20 to +75ºC

TYPICAL APPLICATION DESIGN

ORDERING INFORMATION

OSD2905   10/100BaseT Non-PoE Ethernet Extender

SPECIFICATIONS

ELECTRICAL

Data Interface	IEEE 802.3 Ethernet
Data Rate	10/100Mbps
Operating Mode	Half or full duplex
Data Connector	RJ45
Switch Type	Store and forward

PHYSICAL

Operating Temperature Range	-20 to +75ºC
Relative Humidity	0 to 95% non-condensing
Power Requirements	+10V to 35VDC @ 3VA
Power Connector	3.5mm 2-way terminal block on the module
Indicators	TP activity TP link speed Power indicator
Dimensions of Module (mm)	52W x 55D x 26H
Weight of Module (kg)	0.3