

APPLICATIONS

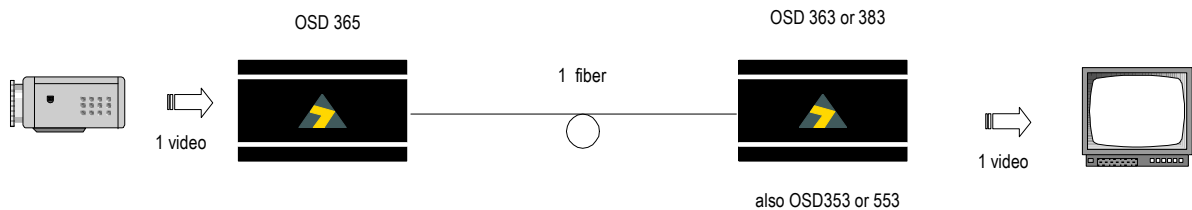
- ▲ Short distance surveillance links
- ▲ Industrial process monitoring
- ▲ Space constrained camera sites



FEATURES AND BENEFITS

- ▲ Extremely cost effective
- ▲ Bandwidth of 10MHz
- ▲ Extends wideband video transmission to over 3km
- ▲ Immune to electrical interference
- ▲ Eliminates length dependant adjustments often required with coax or Cat 5 based systems
- ▲ Completely compatible with OSD300 series receivers
- ▲ More secure than coaxial cable
- ▲ Fits directly onto the camera

TYPICAL APPLICATION DESIGN



ORDERING INFORMATION

OSD365A Mini Video Transmitter Module



SPECIFICATIONS

ELECTRICAL

Input/Impedance	75Ω
Input/Level	1Vpp nominal
Video Connector	BNC plug
Power Connector	3.5mm 2-way terminal block
Bandwidth	5Hz to 10MHz + 1, -3dB
Weighted Signal to Noise Ratio	>70dB for the OSD365, actual link SNR depends on the receiver and the optical loss

OPTICAL

Transmitter Wavelength	850 ± 40nm (1310 ± 40nm for optional OSD365AL)
Transmitter Coupled Power	-16 to -11dBm peak power into 62.5/125 multimode fiber
Optical Connector	ST

PHYSICAL

Power Requirements	+8 to 18VDC, or 8 to 15VAC @ 70mA
Enclosure	Anodised elliptical metal case
Dimensions (mm)	25 x 40 x 38L (excluding electrical and optical connectors)
Weight	35g
Operating Temperature	-40 to +75°C
Relative Humidity	0 to 95% non-condensing