

OPTICAL
SYSTEMS
DESIGN



Engineered Fiber Communications Solutions
www.osd.com.au



Surveillance & Serial Data

1-Channel Analog Video

- **OSD8810** Micro digital video transmission modules with optional stereo audio
- **OSD8815** Multimode or singlemode 10-bit digital video transmission modules with optional stereo audio
- **OSD8817** 1-fiber multimode or singlemode micro 10-bit digital video + duplex data + 1 duplex CC transmission modules
- **OSD8826** 1-fiber multimode or singlemode 10-bit digital video + duplex data transmission modules
- **OSD8838** 1-fiber multimode or singlemode 9-bit digital video + 3 duplex data + 10/100BaseT Ethernet transmission modules with optional 2-channel duplex audio



4-Channel Analog Video

- **OSD8600S/4V** Digital 4-Channel Video/Data/Ethernet multiplexer



8-128 Channel Analog Video

- **OSD860S/8V** Digital 8-Channel Video/Data/Audio/Ethernet multiplexer
- **OSD860S/XV** Digital 12-128 Channel Video/Data/Audio/Ethernet multiplexer



Serial Data

- **OSD135** Asynchronous RS422 transceiver
- **OSD136** Full duplex Synchronous/Asynchronous RS232 transceiver
- **OSD138** Universal RS232/RS422/RS485 transceiver
- **OSD139** RS232 Asynchronous transceiver
- **OSD151** High speed RS422/TTL Synchronous/Asynchronous transceiver
- **OSD157/RS232** 8-Channel Synchronous/Asynchronous RS232 transceiver
- **OSD157/RS422** 6-Channel Synchronous/Asynchronous RS422 transceiver
- **OSD1250** Redundant ring universal RS232/RS422/RS485 transceiver

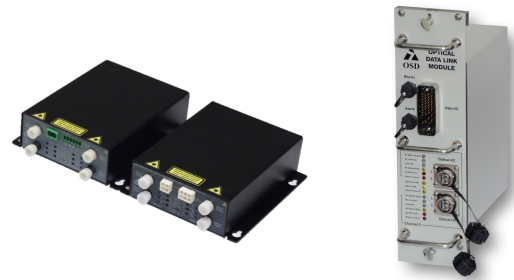




Speciality Data, Broadcast, RF over Fiber & Alarms

SSI Railway Signalling

- **OSD1240** SSI Railway Signalling System transceiver
- **OSD1270** SSI Optical Data Link Module (ODLM)



3G & 12G SDI

- **OSD8220** 1-channel 3G HD/SDI miniature transmission system
- **OSD8224** 4-channel 3G HD/SDI transmission system
- **OSD8227** 1-channel 3G HD/SDI transmission system with 2 monitoring outputs
- **OSD8230** 1-channel 12G HD/SDI miniature transmission system
- **OSD8320** Analog video + 3G HD/SDI + 2 analog audio + 3 duplex data transmission system
- **OSD8327** 1-channel 3G HD/SDI + Duplex data with 2 monitoring outputs



CATV (30MHz to 860MHz)

- **OSD481** 60-Channel CATV/RF transmitter (30 to 860MHz)
- **OSD483** 60-Channel CATV/RF receiver (30 to 860MHz)



RF over Fiber (10MHz to 2.5GHz)

- **OSD9003** Wideband RF transmitter module with manual gain control
- **OSD9004** Wideband RF receiver module with automatic or manual gain control



Alarm

- **OSD158** 8-Channel alarm transmission system
- **OSD159** 8-Channel duplex alarm transmission system



**OSD**

Audio Systems & Accessories

Audio

- **OSD730** Digital full duplex 4-Channel audio/data multiplexer
- **OSD732S** 1-4 Channel Telephone multiplexer
- Audio options are also available on **OSD8810, OSD8815, OSD8838 & OSD860S** video products in the Surveillance & Serial Data section



Accessories

- **OSD370B** 3RU high standard OSD chassis for 14 cards + 1 power supply
- **OSD350B** 3RU high standard OSD chassis for 12 cards + 2 power supplies
- **OSD3700** 2RU high standard OSD chassis for 18 cards + 1 power supply
- **OSD921** 3RU high 240VAC to 12VDC power supply card for the OSD370B and OSD350B
- **OSD9221** 2RU high 240VAC to 12VDC power supply card for the OSD3700
- **SFP & Video SFP**
- **DIN Rail bracket** mount any OSD products onto a DIN Rail
- **Patch Cords** customised to any length with any connector pairing



Engineered Fiber Communications Solutions

Optical Systems Design Pty Ltd is an Australian company that designs and manufactures cost effective communication systems solutions based on optical fiber technology.

For over 30 years, OSD has provided unmatched fiber optic experience and expertise. Research, development and design work is meticulously executed to the highest standards and OSD is extremely flexible in meeting client requirements who have access to experienced personnel to assist from initial planning right through to implementation. OSD also provides in house or on site testing and training along with lifetime support and repair in addition to the 5 year product warranty period.

OSD products are used throughout the world in environments ranging from offices to remote mine sites, large campuses and in-house video studios. OSD has many thousands of systems operating reliably day in day out in extreme environments, some for well over a decade. Contact OSD today to find out how we can assist with your communication requirements.

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