The Edgware Encapsulator Module is a very simple yet powerful edge device that sits between the Broadcast world and IP Networks.

A single Channel of SD-SDI, HD-SDI or 3G-SDI is wrapped in IP protocol and multicast over standard 10G Ethernet Networks.

A straight forward, easy to use, GUI allows the user to set up two IP addresses so the units will pass either compressed or uncompressed video between the Encapsulator and Decapsulator. The Edgware modules can be configured for SMPTE 2022-6, 2022-7 or ST 2010. The code for each format is stored within the unit. A network command can reconfigure the transport protocol to the required setting.

This is a no nonsense easy to understand IP Gateway product. Perfect for traditional broadcast and film companies who wish to make the connection to IP and beyond.
Specifications

Electrical Input
- Standards: SMPTE 424M, SMPTE 292M, SMPTE 259M, SMPTE 297M, DVB-ASI
- Equalisation: Automatic to 100 m @ 3 Gb/s
- Automatic to 200 m @ 1.485 Gb/s
- Automatic to 300 m @ 270 Mb/s
- Equaliser and relocking can be bypassed to support data rates down to 50 Mb/s.
- Connector: 75 Ohm BNC per IEC 60169-8 Amendment 2
- Return Loss: > 15 dB @ 1.485 Gb/s

Electrical Output
- Connector: 75 Ohm BNC per IEC 60169-8 Amendment 2
- Return Loss: > 15 dB @ 1.485 Gb/s
- Polarity: Non inverting
- Signal Level: 800 mV +/- 10%
- DC Offset: 0 +/- 0.5 V
- Jitter: <0.15 UI line equalised
- Format: Driven active loop out

Optical Output
- Connector: 1 x female LC as standard per channel
- Wavelength: 850 nm multimode
- Sensitivity: > -25.0 dBm @ 3 Gb/s
- > -25.5 dBm @ 1.485 Gb/s
- > -26.0 dBm @ 270 Mb/s
- Max I/P power: > -1 dBm
- Data rate: 270Mb/s, 1.485Mb/s, 3Gb/s

IP Interface
- Connector: Duplex LC
- Interface: Multimode Duplex SFP, 10G Ethernet
- Encapsulation: SMPTE2022-6, SMPTE2022-7, ST2110, TR03
- Compatibility: 10GBase SFP+ 10G, 10GBase-LR, SFF-8431

General Enclosure specifications
- Depth: 165 mm
- Width: 110 mm
- Height: 45mm
- Weight: 100 g
- Operating Temp: -30 to +70 °C
- Power: 3 W

Conformance
- EMI/RFI: Complies with 89/336/EEC, EN55022B,
- Electrical: Complies with EN61000-6-1, EN61000-6-2,
- Laser Safety: Complies with Class 1 laser product 24 CFR 1040.10 & 1040.11
- RoHS: Complies with Directive 2002/95/EC
- Warranty: 5 years

Optical Output
- Connector: 1 x female LC as standard per channel

Ordering Information
Please contact your nearest dealer for more information