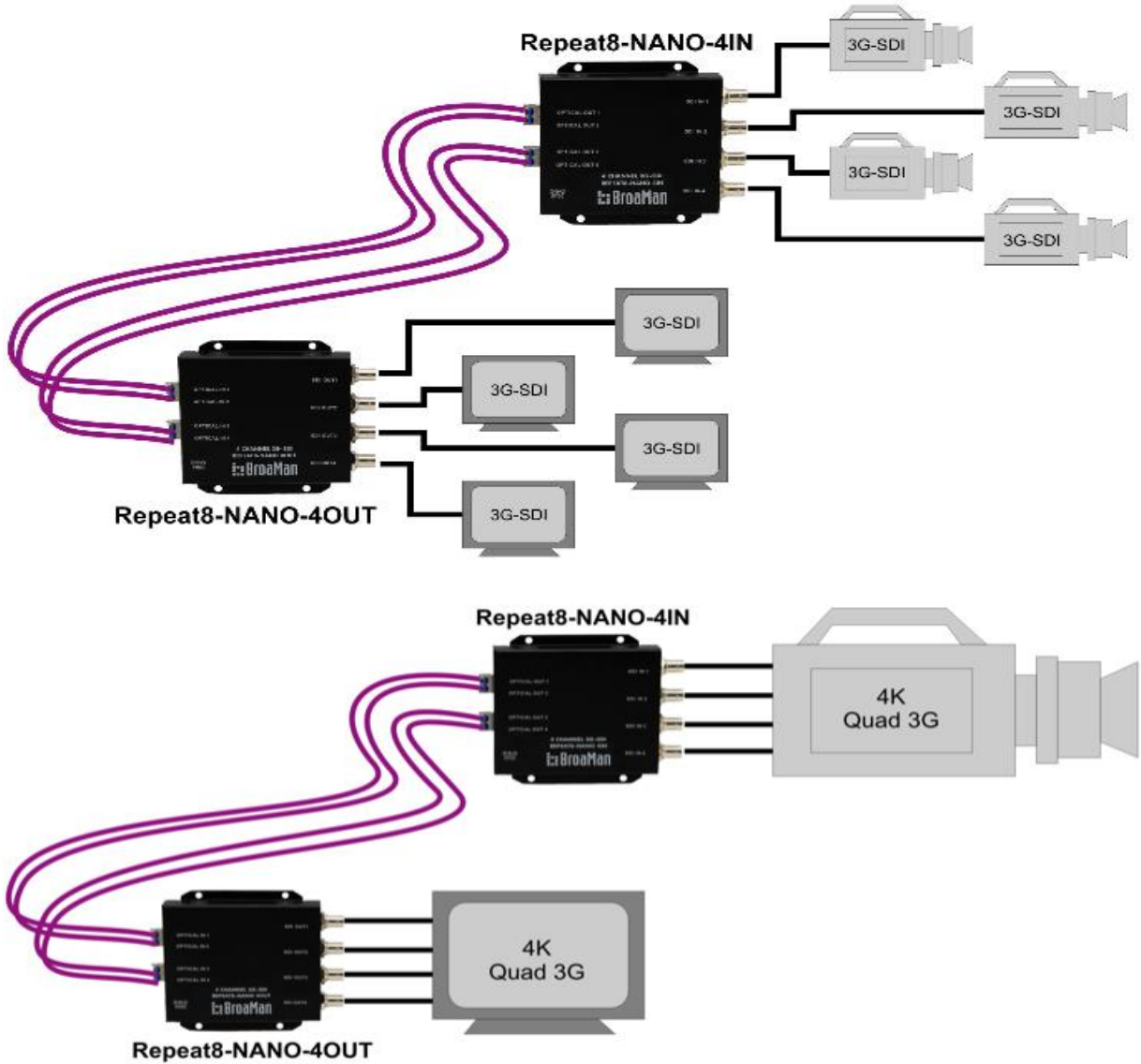


**Repeat8-NANO series**

**UK list  
 ex VAT**

Repeat8-NANO series represents an electrical-optical-electrical media converters for 3G-SDI or AES10/MADI signals. It converts video or digital audio between coaxial and optical connections keeping it in a small compact housing with high performance at low cost.



<b>Repeat8-NANO 4IN</b>		<b>£460.00</b>
<b>Repeat8-NANO 4OUT</b>		<b>£460.00</b>
<b>SM340SWRRCD</b>	3G Dual RR SFP module	<b>£145.00</b>
<b>SM320S31TTCD</b>	3G Dual TT SFP module	<b>£145.00</b>
<b>Bundle of Repeat8-NANO 4IN &amp; 4OUT with two of each SFP</b>		<b>£1,500.00</b>

Prices quoted exclude VAT and delivery. Subject to change without notice.  
 HHB Communications Limited, 73-75 Scrubs Lane, London, NW10 6QU

**Mux22 Series**

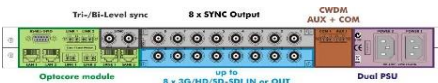
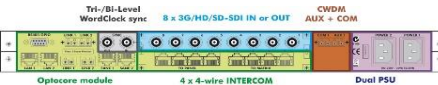
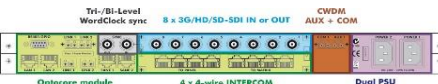
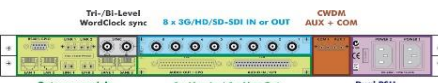
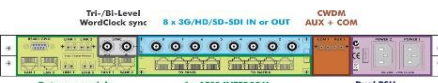
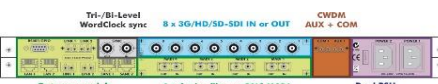

UK list  
 ex VAT



Mux22 is an application engineered device which offers every signal that is needed in the professional environment in just a small 1RU chassis. Mux22 combines 3G\*/HD/SD-SDI I/O with Optocore and SANE digital audio networks, creating a compact solution to transport video, along with audio and data, on the duplex fiber.

**MUX22 is now available with 12G-SDI video ports upgrade option for 4K/UHD** (call for 12G pricing)

All SDI connections can be specified as inputs or output in pairs. i.e. 8 in, or 8 out, or 2 in 6 out, or 4 in 4 out, or 6 in, 2 out per 8 SDI board. Auxiliary ports can be specified as either four RS485/422 interfaces on a 9-pin connector or four GPI inputs and outputs on an HD 15-pin connector. Above to be specified at the time of order. Custom configurations are also possible.

	<p><b>Mux22-IVT/Framesync8</b></p>	<p><b>£6,950.00</b></p>
<p>Mux22 with 8x 3G-SDI, 8x Framesync8 Output, Optocore Link, Dual PSU, 1310nm Aux</p>		
	<p><b>MUX22-IVT/INT-IC422</b></p>	<p><b>£6,340.00</b></p>
<p>Mux22 with 8x 3G-SDI, 4x Clear-Com 4-Wire Intercom, Optocore Link, Dual PSU, 1310nm Aux</p>		
	<p><b>MUX22-IVT/INT-IC485</b></p>	<p><b>£6,340.00</b></p>
<p>BroaMan Mux22 with 8x 3G-SDI, 4x RTS 4-Wire Intercom, Optocore Link, Dual PSU, 1310nm Aux</p>		
	<p><b>MUX22-IVT/INT-IC444</b></p>	<p><b>£6,340.00</b></p>
<p>BroaMan Mux22 with 8x 3G-SDI, 4x Line I/O, 4x GPIO, Optocore Link, Dual PSU, 1310nm Aux</p>		
	<p><b>MUX22-IVT/INT-ICAES</b></p>	<p><b>£6,340.00</b></p>
<p>BroaMan Mux22 with 8x 3G-SDI, 4x AES3 Intercom, Optocore Link, Dual PSU, 1310nm Aux  <i>AES3id BNC version also available</i></p>		
	<p><b>MUX22-IVT/MADI</b></p>	<p><b>£6,960.00</b></p>
<p>BroaMan Mux22 with 8x 3G-SDI, 4x Duplex Fibre or Coax MADI, Optocore Link, Dual PSU, 1310nm Aux  <i>Specify Fibre or Coax at time of order</i></p>		
	<p><b>MUX22-IVT/IVT</b></p>	<p><b>£9,390.00</b></p>
<p>BroaMan Mux22 with 16x 3G-SDI, Optocore Link, Dual PSU, 1310nm Aux</p>		
<p><b>Redundancy-8</b></p>		<p><b>£900.00</b></p>
<p>BroaMan Redundancy option for IVT/INTERCOM, IVT/MADI, IVT/Framesync</p>		
<p><b>Redundancy-16</b></p>		<p><b>£1,800.00</b></p>
<p>BroaMan Redundancy option for IVT/IVT</p>		

UK list  
 ex VAT

**Repeat48 Series**



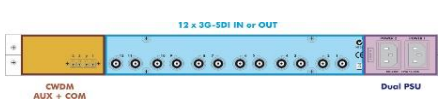
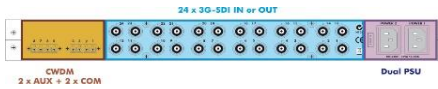


Repeat48 series represents an application engineered electrical-optical-electrical media converters for 3G/HD/SD-SDI or AES10/MADI signals. It converts video or digital audio between coaxial and optical connections.

WDM versions included multiplexer to transform all signals on a single fibre

All SDI connections can be specified as inputs or output in pairs. i.e. 8 in, or 8 out, or 2 in 6 out, or 4 in 4 out, or 6 in, 2 out per 8 SDI board. Above to be specified at the time of order. Custom configurations are also possible including oart populated frames.

**12G SDI transeiver options also available - call for pricing.**

	<p><b>REPEAT48-12</b>        Repeat48 with 12x 3G-SDI, 12x Fibre, Dual PSU</p>	<p><b>£2,340.00</b></p>
	<p><b>REPEAT48-24</b>        Repeat48 with 24x 3G-SDI, 24x Fibre, Dual PSU</p>	<p><b>£4,220.00</b></p>
	<p><b>REPEAT48WDM-12</b>        Repeat48 with 12x 3G-SDI IN, 1x 1310nm Aux, 1x COM, Dual PSU</p>	<p><b>£4,610.00</b></p>
	<p><b>REPEAT48WDM-24</b>        Repeat48 with 24x 3G-SDI IN, 2x 1310nm Aux, 2x COM, Dual PSU</p>	<p><b>£8,500.00</b></p>

**Route66 series**

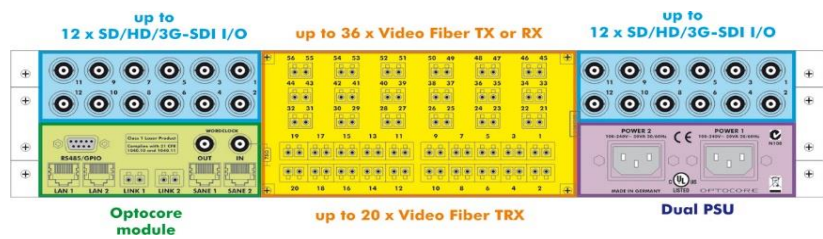


Route66 is a product family which allows to network all other BroaMan devices but also may be used with 3rd party products in multiple different application. There are 3 main versions of Route66: Video Matrix - offering ultra-fast switching of video channels; Fiber Patchbay - switching generic fiber protocols via software or 3rd party control surface; AutoRouter - automatically creates a ring network from star topology; Video AutoRouter - smart video patching based on stagebox connected. Additionally Route66 platform allows for customization, fulfilling even the most advanced requirements.

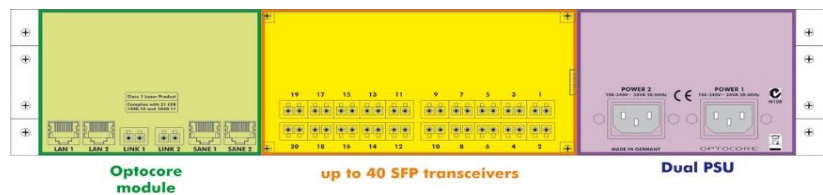
Due to the large number of configuration possibilities please call for a quotation.

**Application Examples**

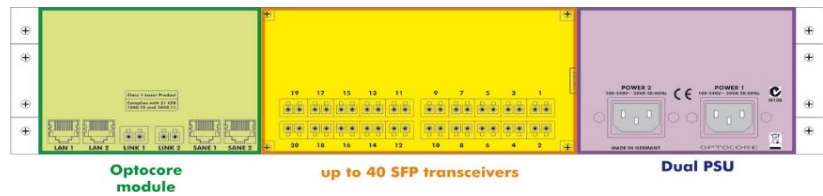
**Route66 – Video Matrix**



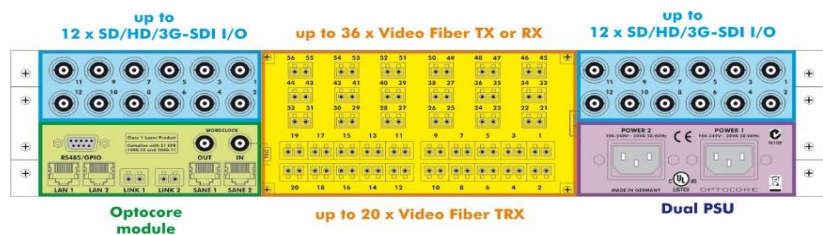
**Route66 – Fiber Patchbay**



**Route66 – Optocore AutoRouter**



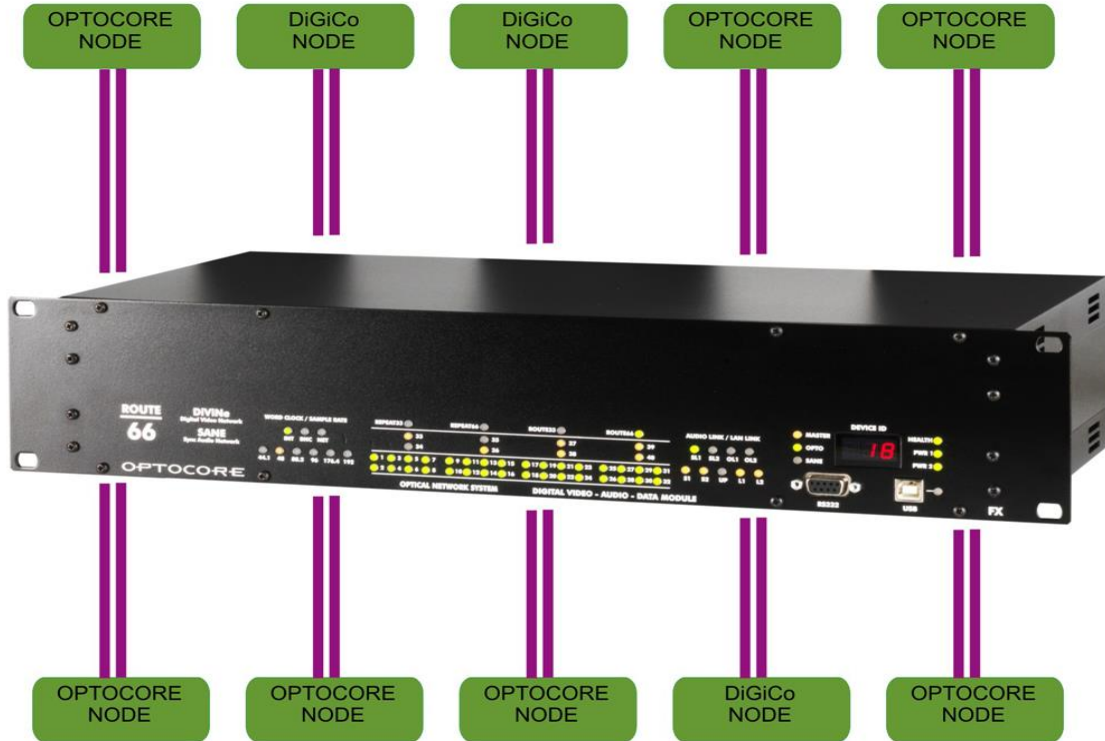
**Route66 – Video AutoRouter**



UK list  
 ex VAT

### Route66-Optocore AutoRouter

Route66 Optocore AutoRouter is compatible with Optocore, ProGrid and DiGiCo fiber loops, creating a redundant 'star' out of the ring topology. It can be used in the installation and live sound market, where mixed ring/star or star topology is more desirable due to a star based fibre cable layout. Route66 Optocore AutoRouter automatically discovers mobile devices and adds them to the Optocore loop. When mobile device is disconnected or powered down, Route66 automatically closes the loop with the remaining devices. It always discovers and switches the links automatically to establish redundancy, without any user action – there is no need to control or change fiber patching by user.



<b>ROUTE66-AR5</b>	<b>£4,290.00</b>
BroaMan Route66 AutoRouter for 5 Locations, 10x TRX	
<b>ROUTE66-AR10</b>	<b>£6,430.00</b>
BroaMan Route66 AutoRouter for 10 Locations, 20x TRX	
<b>ROUTE66-AR15</b>	<b>£8,580.00</b>
BroaMan Route66 AutoRouter for 15 Locations, 30x TRX	
<b>ROUTE66-AR20</b>	<b>£10,720.00</b>
BroaMan Route66 AutoRouter for 20 Locations, 40x TRX	