

**4K | 12G** UHD Technology Range by

## 4K/12G SDI RELAY **L4KR01**

### Product Description



The LEN 4K12G Relay permits easy and economic switching of 4K/12G UHD SDI video signals.

L4KR01 is a miniature single-circuit, change-over relay providing full broadcast quality switching, for data rates up to 12Gb/s. They are suitable for applications such as power-failure switching and source selection. They can be used to choose between two inputs or to have a single input and choose between two outputs, controlled by a 5V DC signal applied to the coil.

Transparent to a broadcast-quality signal, they are useful in both permanent and temporary installations. They may be used freestanding or panel mounted, using the integrated fixing screws for mounting through panels. An accessory panel is also available to mount eight Relays in 1U of rack space.



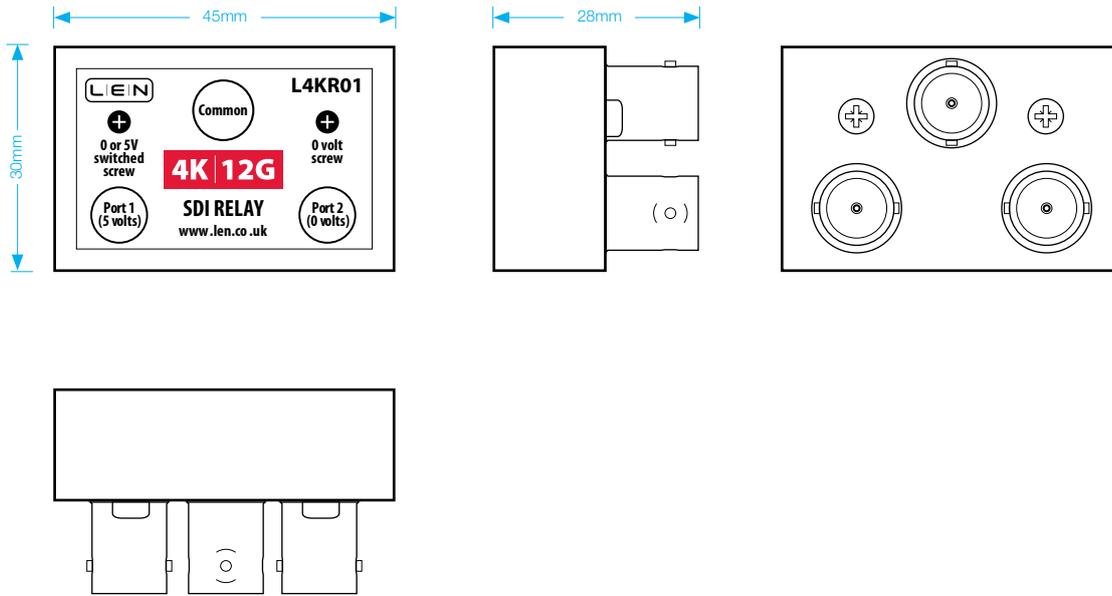
### Key features & benefits

- Miniature single circuit change over relay
- Full 12G/4K UHD SDI broadcast quality signal switching
- Can be used with all lower SDI standards including 6G, 3G, HD and SD SDI
- Ideal for applications such as power-failure switching and source selection
- Controlled by a 5V DC signal applied to the terminal screws
- Size 45 x 30 x 15mm – weight less than 32g
- Rackframe is available, for mounting up to eight L4KR01 Relays

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**Technical Data**



<b>Impedance:</b>	75 Ohms
<b>Insertion Loss:</b>	0.4dB
<b>Amplitude roll-off:</b>	< 0.2 dB to 1485 MHz < 0.3 dB to 3000 MHz < 0.4 dB to 12000 MHz
<b>Return Loss (input):</b>	> 10dB 5 to 12000MHz (with both outputs terminated)
<b>Drive Capability:</b>	Typically 95% of equivalent free cable length
<b>Enclosure:</b>	ABS box, 45 x 30 x 15mm (excluding connectors) 30g
<b>Weight:</b>	32g