3Gbit SDI to Fiber Optic Receiver

• Supports SDI video inputs up to 3Gbit/s (1080p60)
• 3Gbit Level A and Level B support (all formats)
• Auto re-clocking 270Mbit / 1.5Gbit / 3Gbit
• 2 x SDI outputs
• Versions for LC, ST or SC fiber connections
• Multimode version available
• Input range 1260nm to 1620nm (singlemode)
• Input range 780nm to 880nm (multimode)
• Supports hot swapping and hot plugging

Using the same basic module we provide four versions suitable for LC, ST or SC singlemode fiber connections, as well as a version for multimode fiber. Each version has a different SFP installed.

The ORX 1802 is a compact fiber to SDI receiver designed to combat the restrictions involved with the distribution of uncompressed broadcast quality video signals over long distances.

When paired with the fiber optic to SDI transmitters (e.g. yellobrik OTX 1812 or OTX 1842) you have a very cost-effective optical transmission / receiver system for signals up to 1080p60 (3Gbit/s), while preserving full uncompressed quality.

The OTX 1812 provides 2 SDI outputs and support for LC, ST or SC singlemode fiber connections as well as an LC version suitable for multimode fiber.

The ORX 1802 will auto-detect and re-clock any 270Mbit / 1.5Gbit and 3Gbit SDI fiber source and convert to an electrical signal. The module is fully compatible with 3Gbit Level A and Level B formats.

Power Adapter Options
The kit INCLUDES AC power supplies. The power adapters below are optional.

P-TAP 1000
Use with a standard battery P-TAP power source.

XLR 1000
Use with a standard 4 pin XLR camera battery power source.

Specifications subject to change