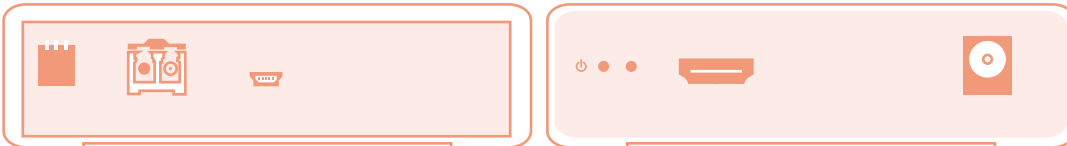


HD OVER FIBRE



EX-1 FIB-5000

COMPANY

PROFILE

Wyrestorm is an award-winning electronics manufacturer passionately committed to the development and production of high quality HD distribution and control products at the very forefront of digital technology.

We have our own development laboratories based in Europe and Shenzhen, China – a key location in cutting edge technologies considered widely to be the cradle of new trends in global electronics.

With a research and development team ranking among the leading specialists in the HD distribution industry, our innovative solutions are often born from direct industry feedback to ensure our products, features and services are perfectly suited to the ever-growing number of residential and commercial applications.

Here at Wyrestorm we follow a simple but all-encompassing philosophy that colors everything we do: A constant quest for perfection. We devote all our energies and resources to the creation of innovative products and services that allow the integrator to supply a superior entertainment experience for their clients – and do so faster and more efficiently to maximise budget, while minimising time on site.

The best way of achieving this is by talking to and, most importantly, listening to the industry - encouraging observations and suggestions from distributors and integrators that allow us to provide you with the most powerful, reliable and convenient technical solutions you need to constantly surpass your client expectations.

INTRODUCTION

HD OVER FIBRE

The Wyrestorm EX-1FIB-5000 is a point to point extender set capable of delivering high spec HD video and audio distribution over distances up to 5km (3.1 miles) using single mode optical fibre as a transmission medium.

Designed for projects that require stable HD video @60Hz and HD audio distributed over great distances, the EX-1FIB-5000 is an excellent choice for large scale installations such as airports, shopping centres, factories, universities, or indeed anywhere that necessitates the reliable transmission of clear, uncompressed video/audio to single or multiple displays over distances that makes conventional UTP distribution unfeasible.



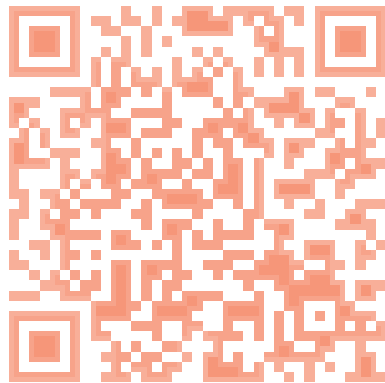
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Key Product Features

- Single mode optical fibre lenthens 1080p HD video @60Hz and multi channel audio transmissions over great distances up to 5km (3.1miles)
- Automatically adjusts signal feedback, equalization and amplification.
- EDID DIP switches on Transmitter and Receiver encourages communication between source/display devices to solve compatibility issues
- HDMI V1.3 supported.
- Each port supports HDMI or DVI signals.
- HDCP compliant.
- LED indication of unit power and video signal status.
- Units contain ESD (electrostatic discharge) protection technology to guard again static build-up that can damage circuitry.
- 24bit colour depth.
- 5v power to extenders provided by mains adapter (included) or optional USB 5v cable for ease of power management and greater energy efficiency.
- Mounting brackets supplied.
- 5v mains power supply included
- Firmware updates through ISP port
- Units can be cascaded

Specifications

Operating Temperature Range	-5 to +35°C (-41 to +95°C)	Output Video	HDMI 1.3+HDCP (Mirrors source to sync)
Operating Humidity Range	5 to 90 % RH (no condensation)	Audio Format Supported	Channel 7.1/5.1/stereo audio (PCM only)
Video Amplifier Bandwidth	6.75Gbps	Max. Transmission distance over HDMI	N/A
Input Video Signal	0.5 - 1.0 volts p-p	BTU Rating (British Thermal Unit)	N/A
Input DDC Signal	5 volts p-p (TTL)	Power Consumption	5 Watts (each)
Maximum Single Link Range	1080p 24bit colour depth	Power Supply	5VDC - from mains or USB 5V power adapter
Transmission distance	1080p: 5km / 3.1miles	Dimensions	152mm/5.9" (W) 31mm/1.2" (H) 105mm/4.1" (D)
*Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels, or wall outlets.		Weight	0.9Kg / 1.98lb (Pair)
Video Format Supported	VESA: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1920,1200 DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p	Rack space required	N/A



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