

## HDMI Fiber Optic Audio/Video Extender (200m)

### Product Overview

The HVE-0200 HDMI extender provides for extending of the High Definition Multimedia Interface signal over fiber optic cable to up to 200m.

The extender connects via an LC Duplex Connector to a 4-channel fiber optic cable to transmit the HDMI signal.

### HDMI Application

HDMI (the High Definition Multimedia Interface) recently has become an increasingly popular video and audio application for transmitting high-definition video.

Although copper based cabling is traditionally used for transmitting signals, this limits transmitting distance and signal quality when used over long distances due to electronic interference.

By extending signals over fiber optic cable is better suited for such long distance application because of low dispersion, which in turn provides better signal quality and extended transmitting distance.

HDMI provides high resolution image quality over long distances can be used for remote LCD, projector and plasma screen displays found at sporting venues, airports, outdoor advertising, theatre displays and other broadcasting stations.

### HDCP compliant

The HVE-0200 is HDCP compliant. HDCP (High-bandwidth Digital Content Protection) is a copy protection scheme to eliminate the possibility of intercepting digital data midstream between the source and the display through digital signal handshake. This is required by all HDMI devices.

Products compatible with the HDCP scheme such as DVD players, satellite and cable HDTV set-top-boxes, as well as entertainment PCs requires a secure connection to a compliant display.



**HVE-0200**

### Key Features

- Provides long distance HDMI image transmission via fiber optic cable
- Provides high-resolution image quality
- Fully HDCP and CEC without the need of copper wiring
- Optical fiber use rules out any RF Interference
- Class 1 laser product complies with EN 60825-1
- HDMI Type A connection

## Technical Specification

### Operating Specification

#### Maximum Length

- 200m (62.5/125, 50/125 MMF 4-LC)

#### Maximum Resolution

- 1920 x 1200 pixels

#### EDDID Support

- Pseudo DDC

#### Operating Voltage

- DC 5V

#### Electrical Power Consumption

- TX: 2.3W (5V, 460mA)
- RX: 2.5W (5V, 500mA)

### Requirements

- HDMI PC or DVI signal source (Transmitter)
- HDMI Monitor or Projector (Receiver)
- AC 100~240V 50~60Hz 0.2A power supply

### Adaptor Specification

#### Input

- AC 100~240V

#### Output

- DC 5V

#### DC Jack

- Inside 5V / Outside ground

### Physical Specification

#### Operating Temperature

- -10°C ~ 50°C

#### Storage Temperature

- -20°C ~ 75°C

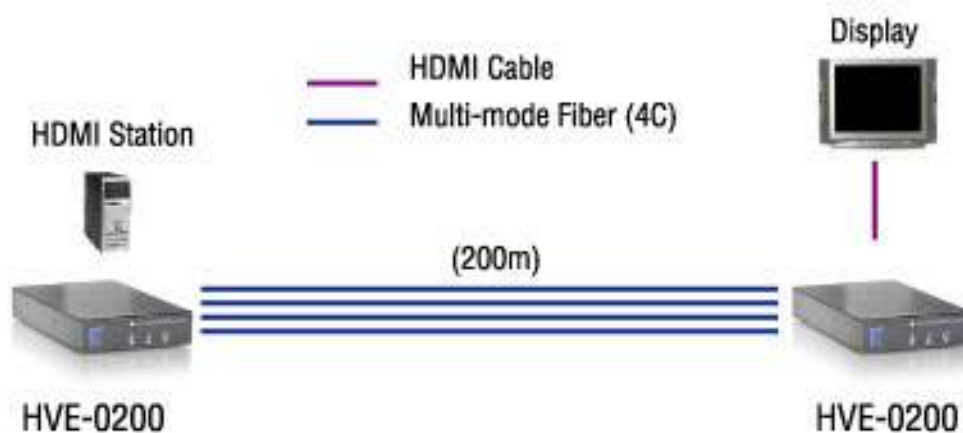
#### Dimensions

- 145mm (L) x 90mm (W) x 26mm (H)

#### Weight

- 430g

## Product Diagram



## Ordering Information

**HVE-0200** HDMI Extender Via 4 Fiber Channel. LC 200m

For more information, please contact your LevelOne representative, or visit our website  
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