

## Product Overview

### DVI Extender



## Description

DVI (Digital Visual Interface) is for the digital transmission of video signals. Today DVI is already standard for the video transmission between PCs and high quality TFT screens and video projectors. Also in the entertainment electronics there are already TVs which are having a DVI interface and which can receive digital signals from DVD players or PCs.

The use of DVI Extenders is particular interesting for large video walls like in Stadiums, exhibitions, large stages, outside advertisement as well as in airports or train stations. By the use of passive optical splitters it is possible to have a multi screen application which means that one source is feeding several displays.

The DVI Extenders of MICROSENS support the digital standard DVI-D for single link applications with a maximum resolution of 1600x1200 pixels (UXGA). With the use of fiber it is possible to cover very long distances of 500 m (62,5/125 Multimode) or 700 m (50/125µm Multimode). Four fibers are used for the unidirectional transmission. The connection to the multimode fibers is done by standard LC-connectors.

## Properties

- Easy transmission of DVI-D signals over up to 700 m
- High resolution and picture quality
- For the connection of LCD-Displays, video projectors, Plasma displays etc.
- Unidirectional transmission over 4 multimode fibers (LC-connector)
- One transmitter can source multiple receivers
- Including external power supply

## Order Information

Description	Article Number
DVI extender transmitter, Multimode 850nm 4x LC duplex, max. 700m, ext. power supply	<b>MS550010-PS</b>
DVI extender Receiver, Multimode 850nm 4x LC duplex, ext. power supply	<b>MS550011-PS</b>
DVI extender transmitter for up to 8 receiver (15 dBm), Single Mode 1310nm 4x LC duplex, max. 5km, ext. power supply	<b>MS550016-PS</b>
DVI extender transmitter for up to 32 receiver (23 dBm), Single Mode 1310nm 4x LC duplex, max. 5km, ext. power supply	<b>MS550017-PS</b>
DVI extender Receiver, Single Mode 1310nm 4x LC duplex, ext. power supply	<b>MS550015-PS</b>

This document in whole or in part may not be duplicated, reproduced, stored or retransmitted without prior written permission of MICROSENS GmbH & Co. KG. All information in this document is provided 'as is' and subject to change without notice. MICROSENS GmbH & Co. KG disclaims any liability for the correctness, completeness or quality of the information provided, fitness for a particular purpose or consecutive damage. MICROSENS is a trademark of MICROSENS GmbH & Co. KG. Any product names mentioned herein may be trademarks and/or registered trademarks of their respective companies.

© 2015.11.23 MICROSENS GmbH & Co. KG - 59067 Hamm/Germany - Tel. +49 2381 9452-0 - [www.microsens.com](http://www.microsens.com)