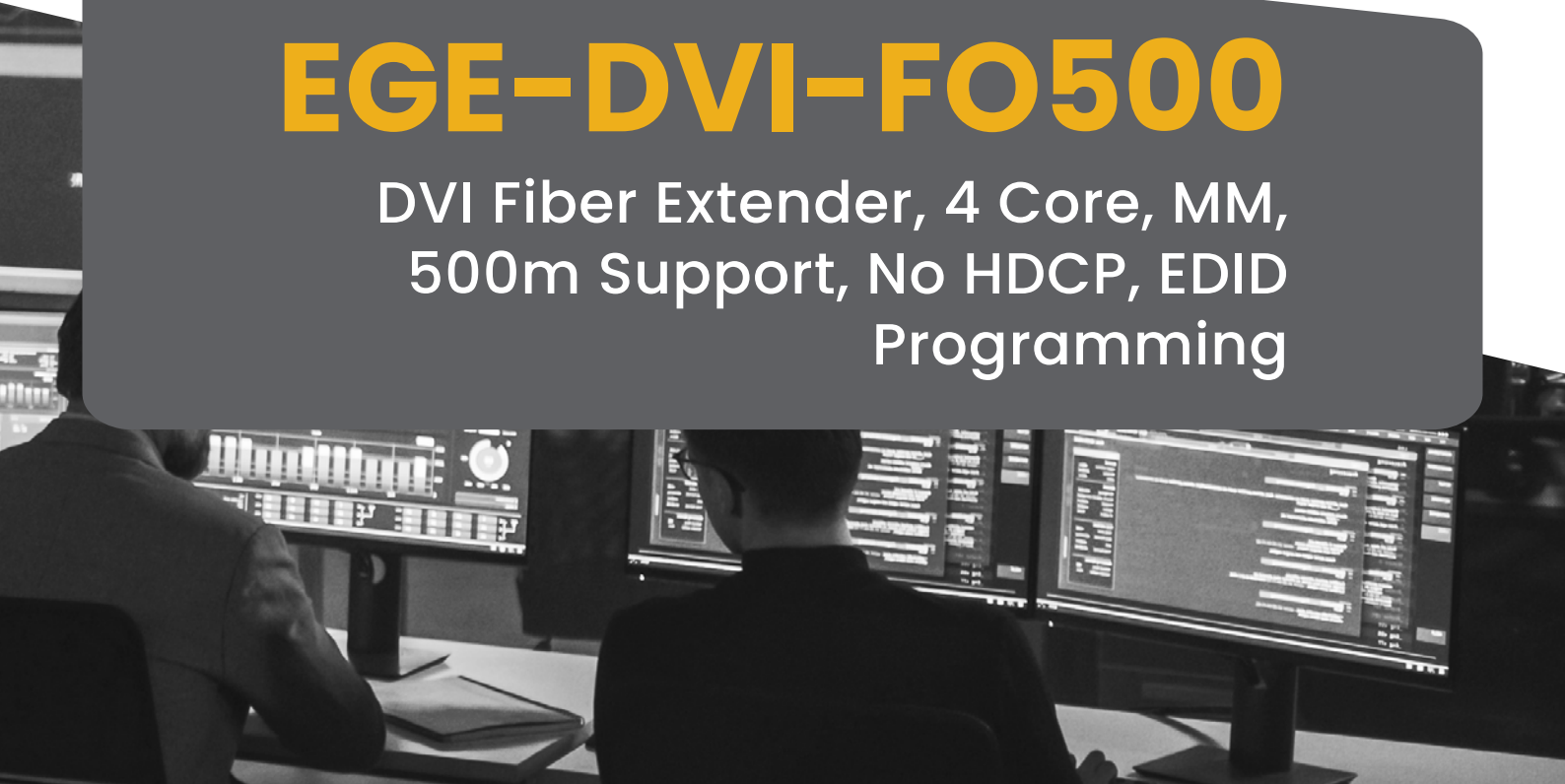


geratech®



EGE-DVI-FO500

DVI Fiber Extender, 4 Core, MM,
500m Support, No HDCP, EDID
Programming



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1. INTRODUCTION

The DVI Fiber Optic Extender (EGE-DVI-FO500) allows DVI equipment to be connected up to 500m with 1920x 1200@60Hz via four multi-mode fiber optic. The Extender comes with one Transmitter and one Receiver as well as EDID learning function.

2. PACKAGE CONTENTS

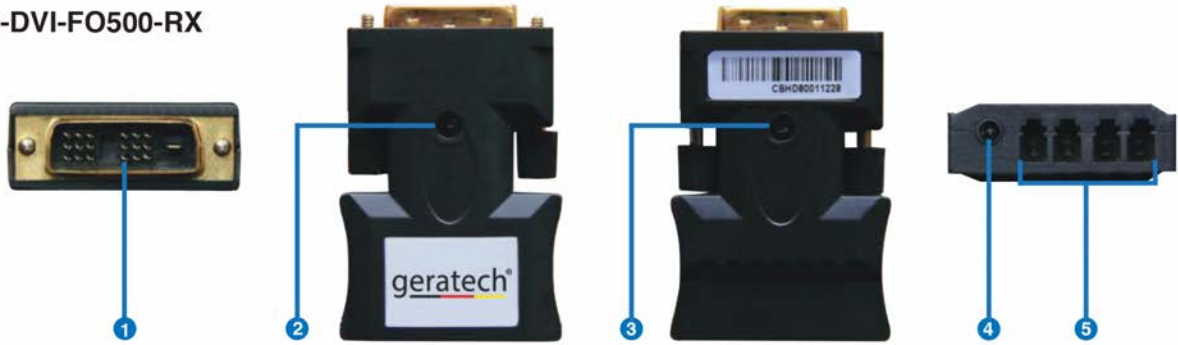
- 1x EGE-DVI-FO500-TX
- 1x EGE-DVI-FO500-RX
- 2x 5V 1A DC adapter
- 1x User manual

3. FEATURES

- 4 core multimode LC fiber for transmission;
- Transmitter with EDID learning;
- The highest video bandwidth: 1.65 Gbps;
- The highest resolution: 1920x1200 @60Hz;
- The longest transmission distance: 500m(OM2);
- The transmitter can read and store EDID from displayer;
- Small, concise, directly connect to DVI interfaces of source and display devices.

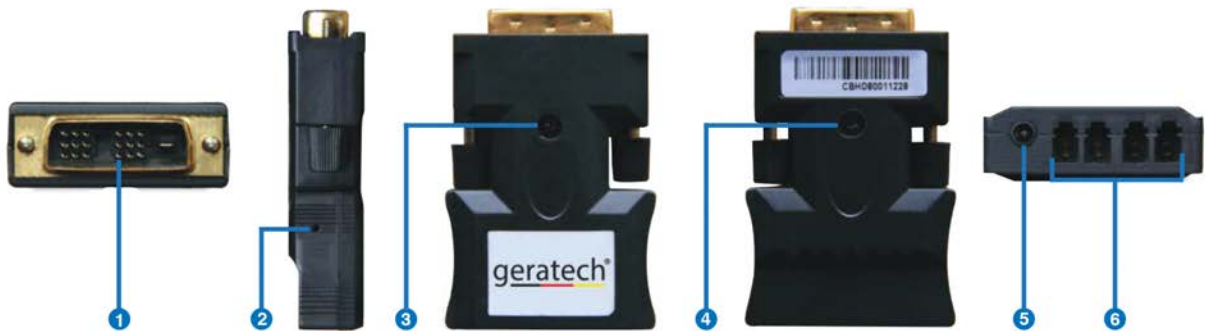
PANEL DESCRIPTION

EGE-DVI-FO500-RX



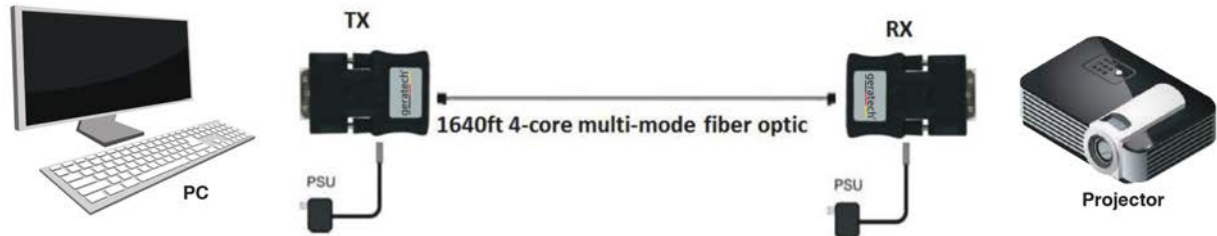
- ① **DVI Output:** Connect to DVI display
- ② **Power LED:** Lights red when being powered up
- ③ **Signal LED:** Lights blue when working
- ④ **Power:** Connect to DC adapter
- ⑤ **Fiber Optic:** Connect to fiber optic

EGE-DVI-FO500-TX



- ① **DVI Input:** Connect to DVI source
- ② **EDID Button:** Pressing when learning EDID from display
- ③ **Power LED:** Lights red when being powered up
- ④ **EDID LED:** Lights blue when learning EDID
- ⑤ **Power:** Connect to DC adapter
- ⑥ **Fiber Optic:** Connect to fiber optic

CONNECTION AND INSTALLATION

Connection and Installation

EDID LEARNING

- 1) Turn on the display, connect the EGE-DVI-FO500-TX to it and power it up (make sure the DC adapter's LED lights red);
- 2) Press the EDID button, then the Signal LED light of EGE-DVI-FO500-TX will light blue;
- 3) The light will go out 5 seconds later, so the learning is done. Then, cut the power first, unplug the EGE-DVI-FO500-TX.

SPECIFICATION

Video	
DVI Compliance	DVI-D
HDCP Compliant	No
Distance	1640ft [500m]
Max Resolution	1920*1200@60Hz
Connectors	
TX Connectors	(1) DVI in, (4)LC
RX Connectors	(1) DVI out, (4) LC
Mechanical	
Dimensions	59 x 39 x 15mm(L/W/H)
Weight	0.066lbs [30g]
Power	
Power Supply	5V 2A DC
Environmental	
Operation Temperature	32~131°F [0~55°C]
Storage Temperature	-4~185°F [-20~85°C]
Relative Humidity	5~95% RH [no condensation]

SAFETY INFORMATION



To reduce the risk of electric shock, do not expose this product to rain or moisture



Do not modify the wall plug. Doing so will void the warranty and safety features



If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.



This equipment should be installed near the socket outlet and the device should be easily accessible in the case it requires disconnection

Warranty

Warranty time is two years and from the date of original shipment.

This warranty shall be void if a serial number has been removed from the product.

Upon determination of a legitimate defect covered by this warranty and at GERATECH's sole discretion, user should bear the transport cost during the warranty.

If product is out of warranty then repair charge is required. Minimum repair charge: 10% of the retail price plus the cost of failed components. We will repair the failed product after repair cost has been approved by Customers and proper financial arrangements are made. Customer must cover round trip shipment expenses.

Return and RMA Policies

Shipments will not be received and processed for warranty repair/replacement without an GERATECH RMA (Return Materials Authorization).



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