⦿IOGEAR®

Quick Start Guide

Display Port 4KHDBaseT-Lite Extender

GVE440
PART NO. Q1528

www.iogear.com

Package Contents **1**

1 x 4K Display Port HDBaseT-Lite Transmitter
1 x 4K Display Port HDBaseT-Lite Receiver
2 x Power Adapters
1 x Quick Installation Guide
1 x Warranty Card

System Requirements

Display Port output from source
Display Port input to display

*It is highly recommended to use a source device with a DisplayPort 1.1 compatible graphics card.
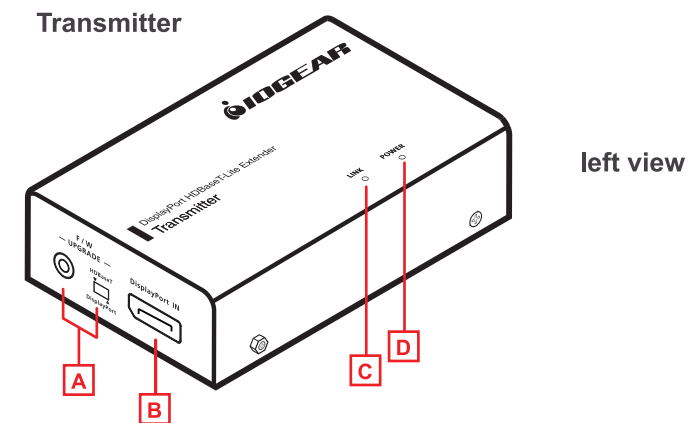
Introduction

The GVE440 DisplayPort HDBaseT-Lite Extender is able to extend a DisplayPort display up to 70m using a Cat 6 / 6a cable. This combination of IOGEAR and HDBaseT™ technology supports sharing 4K media up to 40m away, offering a simple, adaptable, and cost-effective solution for any professional A/V installation.
The GVE440 DisplayPort HDBaseT-Lite Extender is the perfect solution for professional A/V installations that require video signal interference protection, such as in medical and military installations. With its lightweight and easy-to-mount design, and a slip-resistant DC Jack lock mechanism, the GVE440 can be installed in a multitude of locations.
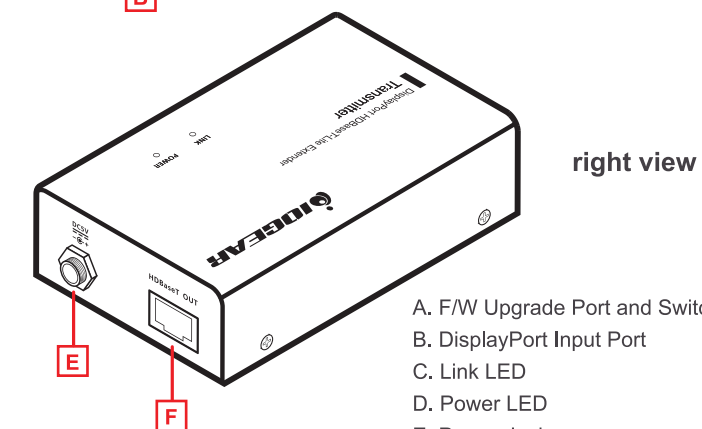

Overview **2**

Transmitter

left view

A
B
C
D
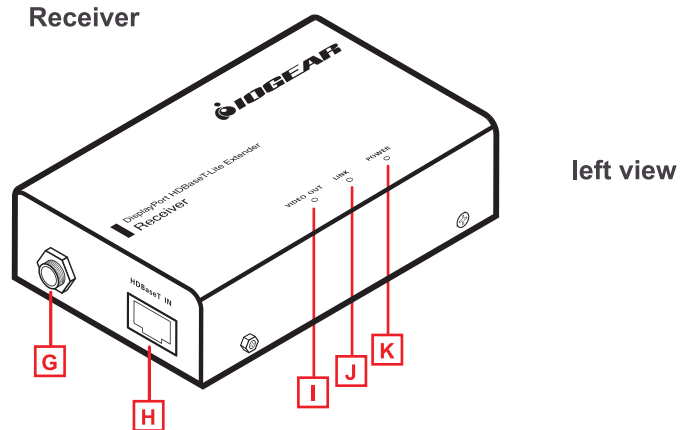
right view

E
F

A. F/W Upgrade Port and Switch
B. DisplayPort Input Port
C. Link LED
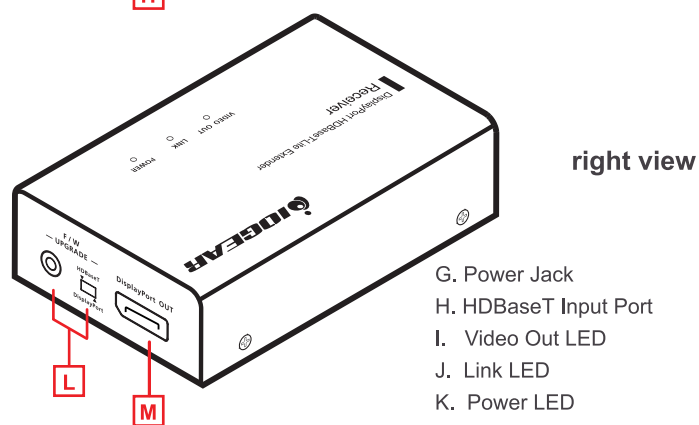D. Power LED
E. Power Jack
F. HDBaseT Output Port

Overview **3**

Receiver

left view

G
H
I
J
K
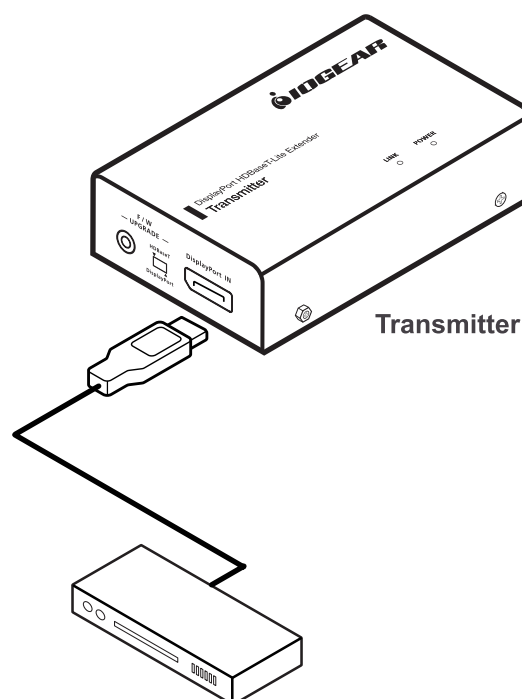
right view

L
M

G. Power Jack
H. HDBaseT Input Port
I. Video Out LED
J. Link LED
K. Power LED
L. F/W Upgrade Port and Switch
M. DisplayPort Output Port

Hardware Installation **4**

1. Connect the DisplayPort video source to the GVE440 transmitter DisplayPort Input Port with a DisplayPort cable.
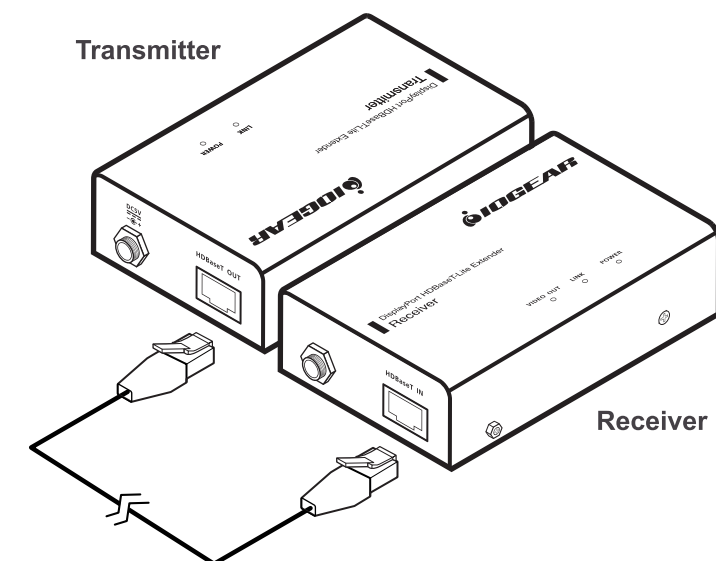

Transmitter

Note:
The F/W Upgrade Port is reserved for technical support. If you would like to upgrade the firmware yourself, please contact your dealer.
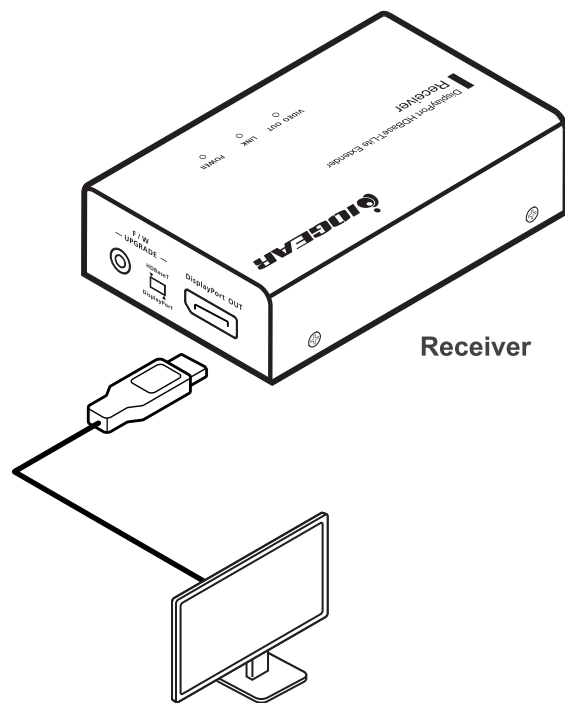

Harware Installation **5**

2. Connect one end of the RJ-45 cable to the HDBaseT output port on the transmitter. Then connect the other end of the RJ-45 cable to the HDBaseT input port on the receiver.
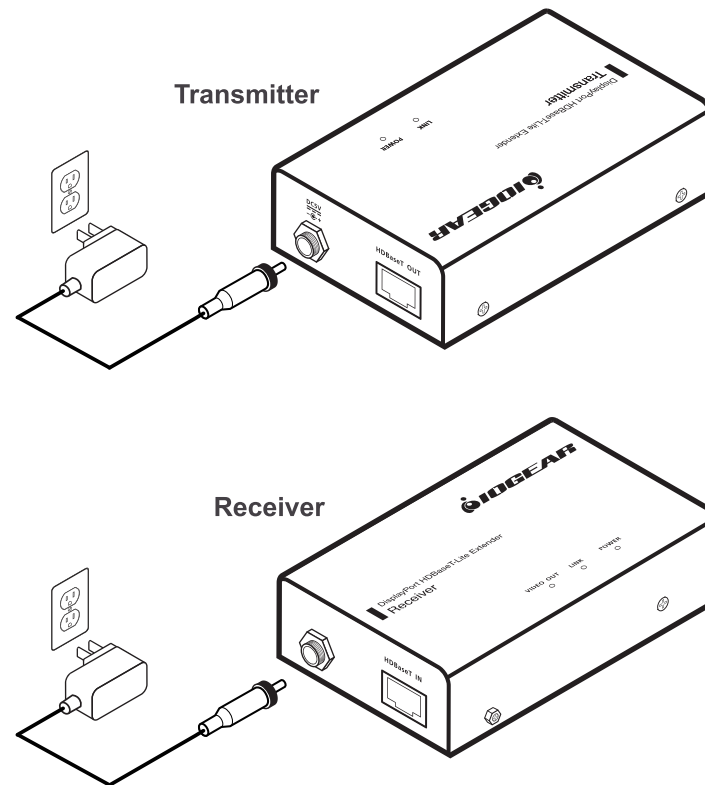

Transmitter

Receiver

3. Connect the GVE440 receiver DisplayPort Output Port to the DisplayPort monitor with a DisplayPort cable.

Receiver

4. Plug the power adapter cable into the power jack on both GVE440 units.

Transmitter

Receiver

1. **Will the GVE440 convert a DisplayPort signal to HDBaseT, and convert the HDBaseT signal back to DisplayPort?**
   The GVE440 will convert DisplayPort video to HDBaseT.

2. **What is GVE440 and what can it do for me?**
   GVE440 is a video extender that can transmit video signal up to 4K resolution via DisplayPort to another display in a remote location for high video quality demanding user groups who are professional in the field of architecture, graphic design, performing art, video broadcasting and so on.

3. **What DisplayPort version does GVE440 support?**
   GVE440 is DisplayPort 1.1 compatible. If the display or monitor supports version 1.2, GVE440 will still work because DisplayPort 1.2 is backward compatible. Be aware that DisplayPort requires high quality cables for signal transmission.

4. **What is the maximum extending distance?**
   GVE440 can extend up to up to 70m (230ft) from the DisplayPort source at 1080P@60Hz by Cat6a cable and 40m (130ft) at 4K x 2K by Cat 6a cable.

5. **What is the maximum resolution?**
   The maximum resolution is 4096 x 2160 @ 60Hz.

Compliance Information

Federal Communications Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Limited Warranty

This product carries a 3 Year Warranty. For the terms and conditions of this warranty, please go to https://www.iogear.com/support/warranty

Register online at https://www.iogear.com/register

Important Product Information
Product Model _____
Serial Number _____

Contact Information

WE'RE HERE TO HELP YOU!
NEED ASSISTANCE SETTING UP THIS PRODUCT?

Make sure you:
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2. Visit www.iogear.com/support for live help and product support

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