

Dual link Extension System

DQSL





Table of Contents

1. Introduction	2
2. Features	2
3. Model name	2
4. Panel Descriptions	3
5. Package contents	3
6. Installation	4
7. Specification	5
8. Precaution	6
9. Warranty	7
10. Contact us.....	8

DQSL with fiber optical system let your dual link flat panel display extend up to 100M(330ft) away from the host.
Maximum resolution is WQXGA.

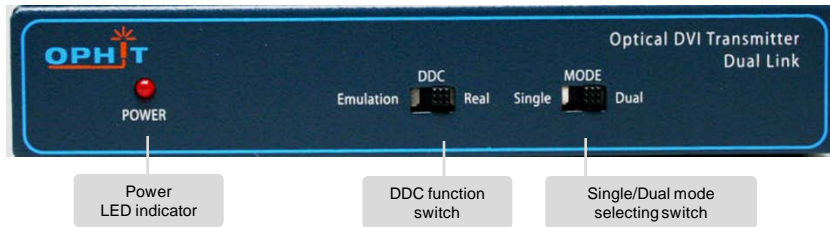
Features

- High Speed and long distance transmission by LC type 2ch multi-mode fiber optic cable
- Extends up to 100M(330ft)
- Self detecting function for EDID information
- Supports Single link and Dual link by selectable function switch
- Supports up to WQXGA (2560x1600) resolution for Dual link, WUXGA(1920x1200) resolution for Single link
- Supports two mode for DDC
 - Real mode : Uses one CAT-5 cable for DDC
 - Emulation : Pseudo-DDC detection function for EDID information

Model Name

DQSL

Transmitter Front

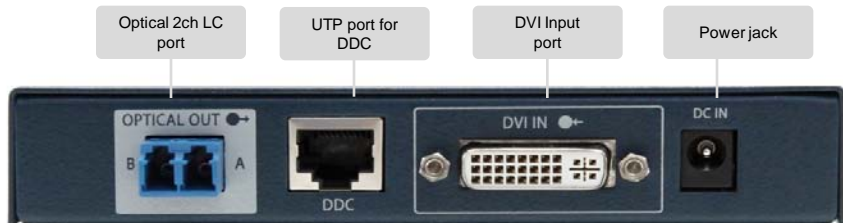


Power LED indicator

DDC function switch

Single/Dual mode selecting switch

Receiver Rear



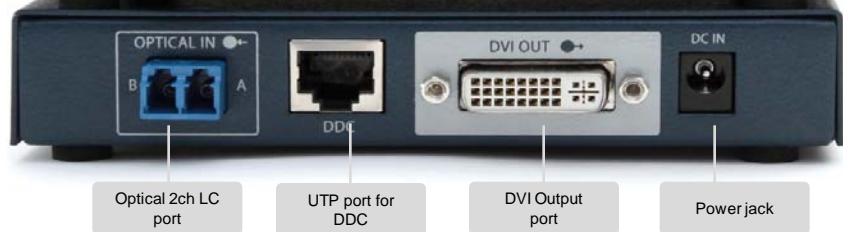
Optical 2ch LC port

UTP port for DDC

DVI Input port

Power jack

Transmitter Rear



Optical 2ch LC port

UTP port for DDC

DVI Output port

Power jack

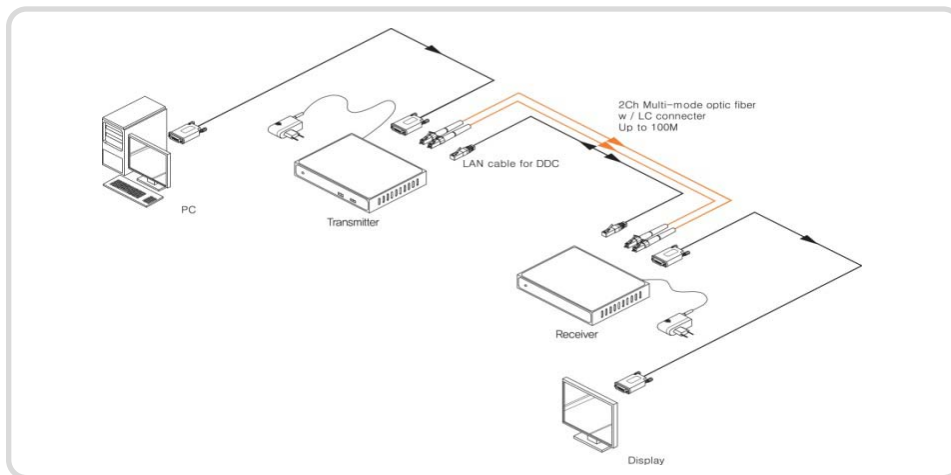
Package contents

Before you start installing DQSL, please check the package contents.

- DQSL Transmitter & Receiver
- User's Manual
- 2 x Power adapter(5V,2A)

Installation

1. Connect a source device to DVI input port on DQSL Transmitter.
2. Connect 2ch of LC type optical fiber cables to optical port.
3. Connect the display device to DVI output port on DQSL Receiver.
4. Connect UTP cable between TX and RX for DDC communication. (Optional)
5. Plug the power adapter to both Transmitter and Receiver.



Function Switch

EDID Switch in front of Transmitter

- REAL : EDID data of connected monitor is transmitted between Tx and Rx in real time through UTP cable.
- Emulation : Certain EDID data pre-set in the Tx is used in signal transmission. UTP cable is not necessary.

MODE Switch in front of Transmitter

- Single : When you use Single link display, select 'Single' switch.
- Dual : When you use Dual link display, select 'Dual' switch.

Specifications

- Connector
 - Using connector : DVI 24pin(female) & LC type
 - Link : RJ-45 Jack(female)
- Video Bandwidth : 1.65Gbps(Single link)
- Maximum Supporting Resolution
 - Single Link : WUXGA (1920 x 1200)
 - Dual Link : WQXGA (2560 x 1600)
- Power Consumption : Tx – 1.4W(Single link), 1.0W(Dual link)
Rx – 1.5W(Single link, Dual link)
- Power Supply : 100~240V with DC 5V 2A adaptor for Tx and Rx
- Dimension : 135W x 85D x 25H (mm)
- Environment
 - Operating Temperature Range : 0 to 50°C
 - Storage Temperature Range : -20 to 70°C

WARNING

- **Do not dismantle the housing or modify the product.**
Dismantling the housing or modifying the product may result in electrical shock or burn.
- **Refer all servicing to qualified service personnel.**
Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards.
- **Keep the product away from liquids.**
Spilling into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls/spills into the housing, unplug the product immediately.
Have the product checked by a qualified service engineer before using it again.
- **Do not touch the Product with wet hands.**
Touching the housing and plug with wet hands is dangerous and can cause electrical shock.

- We, OPHIT hereby warrant the final purchase of our product as follows.
- In the case of troubles on our products, please contact the shop purchased.

One(1) year limited warranty

Our customers have right to be served with free charge when there is trouble in this product during one(1) year from the day purchased.

Out of warranty services

When you request services (in the case of non manufacturing defect but the troubles by misuse), may served with charge of follows.

- Defects of products caused by accident , disaster.
- Damages of products caused by the customer's carelessness or mistaken application.
- Damages of products caused by the application of parts or products not supplied or sold by our company.
- Damages of products and related defects caused by not our staff or the man or group not nominated by us for services.

OPHIT CO., LTD.

www.ophit.com

Head office

908~911/103 Digital Empire II , 486 Sin-Dong, Youngtong-Gu,
Suwon-City, Kyunggi-Do 443-734, KOREA

TEL : +82-31-695-5543 FAX : +82-31-695-5545

E-mail : support@ophit.com

Factory

3F/5F, Suntechnovil, 5-27, Mangpo-Dong, Youngtong-Gu,
Suwon-City, Kyunggi-Do 443-440, KOREA

TEL : +82-31-205-4191 FAX : +82-31-205-4197

