



## APPENDIX G

### : USER'S MANUAL



# MANUAL

## GAIAGRID USB-100

### USB to Ethernet Dongle



SEAHYUN KOREA CO.,LTD

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# Chapter 1.

## Gaiagrid USB-100 Summary

- The GAIAGRID USB-100 is USB2.0 to 100Base-FX POF (Plastic Optical Fiber) converter. The GAIAGRID USB-100 is a high performance and highly integrated ASIC which enables low cost, small form factor, and simple plug-and-play Fast Ethernet network connection capability for desktop, notebook PC, Ultra-Mobile PC.

The GAIAGRID USB-100 is fully compatible for IEEE 802.3u Fast Ethernet data communication standard .

# Chapter 1.

## Gaiagrid USB-100 Components

-Gaiagrid USB-100 1EA



POF  
Optolock

-Drive Software CD 1EA

Note. If there is no CD, you can download Drive software at [Webpage](#).

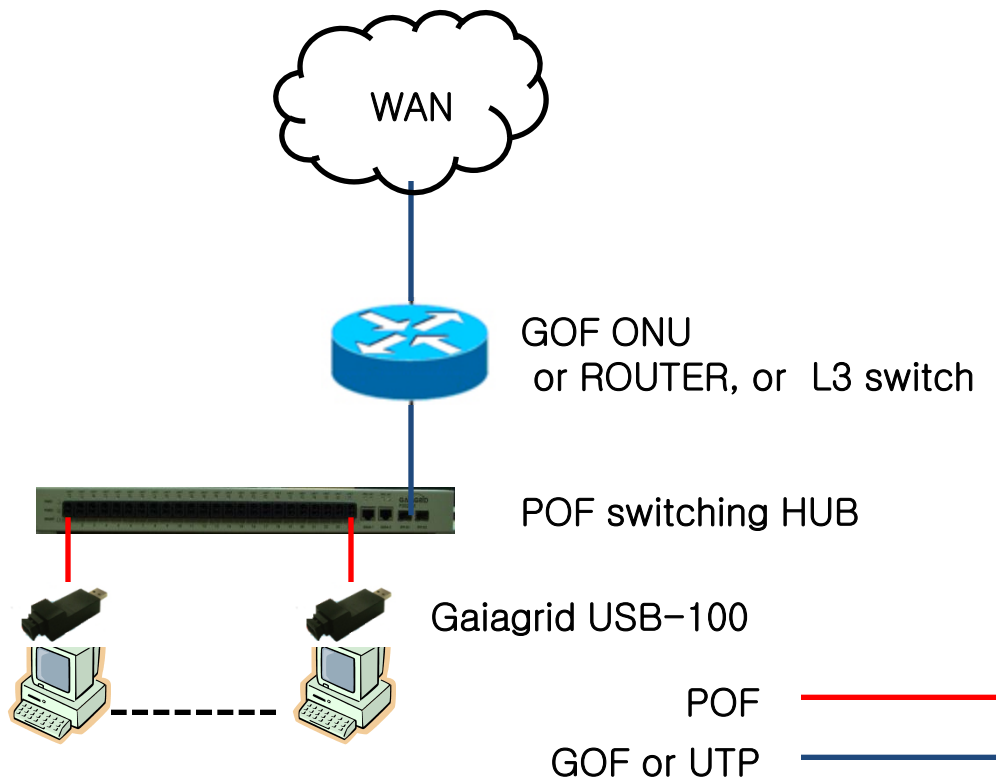
## Chapter 2

### – Gaiagrid USB-100 BASIC INSTALLATION & DIAGRAM

You can install Gaiagrid USB-100 to PC as a Picture

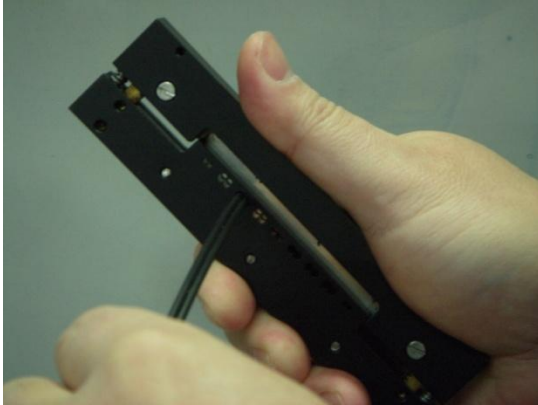


Diagram



## Chapter 2

### - The way to install



1. Cut POF cable using POF Cutter



2. Pull POF PORT



3. Insert POF cable to POF PORT



4. Push POF PORT and Fix the cable

### 3장. SPECIFICATION

Parameter	GAIAGRID USB-100
Standard Compatibility	1. IEEE 802.3 Fast Ethernet 2. IEEE 802.3 Full Duplex Flow Control
Date Rate	100Mbps
Transmitting Length	50M at POF interface
Interface connector	Optolock POF transceiver
Equipped Cable	POF
LED Indication	Power status , FX link / active status
Operating Environment	Temperature : 0-50℃ Humidity : 10-90%
Storage Environment	Temperature : -40-70℃ Humidity : 10-90% (Non-condensing)
Dimension (W*D*H)	60*25*19mm
Total Weight	80g



## 4장. AS/ ETC

### 1. AS

For additional information or to purchase the product,  
please contact us ; Seahyun Korea ([www.Shyn.co.kr](http://www.Shyn.co.kr))

#### **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and receiver.
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

#### **Warning!**

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

#### **FCC Caution**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

