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# **EtherWire 4000R/CS Manual**

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# I. Subscriber Equipment (EtherWire 4000R/CS)

## 1. Introduction

Subscriber equipment, EtherWire 4000R/CS, is connected with subscriber's PC and transmits / receives high speed Internet data can be used in home and SOHO.

## 2. Equipment Specification

### **Subscriber equipment connection**

10BaseT UTP interface

IEEE 802.3 Ethernet standard

IEEE 802.1D transparent MAC bridge with spanning tree algorithm

### **DSL line standard**

2B1Q line code

Speed : 2.3Mnbps

Transmission mode : Full duplex

### **Adequate environment and power**

Power : AC 220VAC ~DC7V (Use Power Adapter)

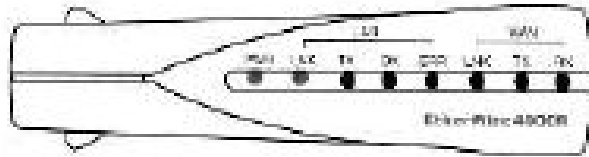
Temperature : 0 ~ 50°C

Relative humidity : 5 ~ 90%, non-condensing

**Caution : Prohibit using different (un-approved) adapter**

# 3. Equipment Operation

## 3.1 Feature Description



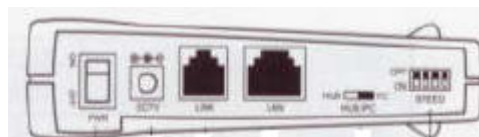
(EtherWire 4000R)

### 1) Description for front panel and LED

Name	Function
PWR	When power is engaged, ON
LNK	When Link is operated correctly between DSL and Computer or HUB, ON
LAN Tx	When transmit LAN data, ON
LAN Rx	When receive LAN signal, ON
LAN ERR	When LAN data ERR, ON
WAN LNK	When Wan side is connection correctly between DSL and DSL, ON
WAN Tx	When transmit WAN data, ON
WAN Rx	When receive WAN signal, ON

(LED indication information)

### 2) Description of rear panel connector



Rear panel of EtherWire 4000R

PWR : Power on/off switch

DC7V : Input to Power Adaptor

Link : Connection to DSL LINE

LAN : In case of connecting PC, use straight cable (RJ-45).

HBU/PC : In case of connection pc as directly, Let's move to Switch as PC Side

In case of Connection Hub, Let's move to Switch as HUB Side.

SPEED : Speed Setting switch

## II. Caution in operation

### 1. Caution in use of EtherWire 4000R

- You should use supplied power adapter only.
- You should use supplied telephone cable only.

First, check the correct operation of SYNC LED, when DSL line is connected with modem in the home and office. If SYNC LED is not On status after 36 seconds, that means DSL line is poor, therefore check DSL line again or use later.

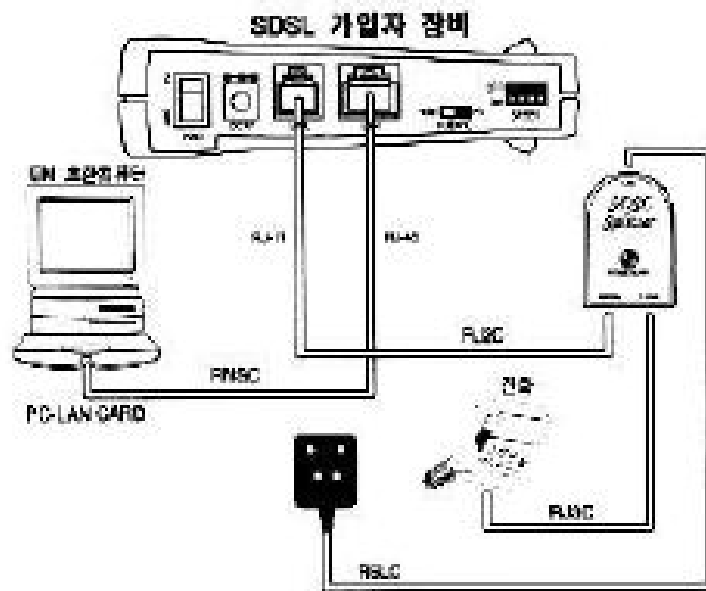
- If LAN cable is connected correctly to PC, LINK LED is On status. If LED is not On status after confirming, confirm again whether cable is correct or not.

#### ● EtherWire 4000R Setting Method by Dip Switch

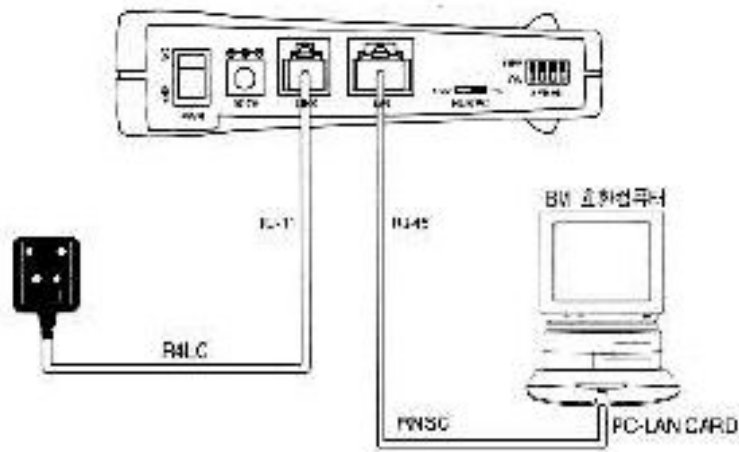
Baud Rate	DIP Switch				Baud Rate	DIP Switch			
	1	2	3	4		1	2	3	4
2,320	Off	Off	Off	Off	1,040	ON	Off	Off	Off
2,064	Off	Off	Off	ON	912	ON	Off	Off	ON
1,808	Off	Off	ON	Off	784	ON	Off	ON	Off
1,680	Off	Off	ON	ON	656	ON	Off	ON	ON
1,552	Off	ON	Off	Off	528	ON	ON	Off	Off
1,424	Off	ON	Off	ON	400	ON	ON	Off	ON
1,296	Off	ON	ON	Off	272	ON	ON	ON	Off
1,168	Off	ON	ON	ON					

## 4. Installation

### 1. When Using to Voice Splitter / Normal PC



### 2. When Non-using to Voice Splitter / Normal PC



3. When Using to Switch/Hub

