

OPTIONAL PART

## Wireless LAN adapter

# DESIGN & TECHNICAL MANUAL

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WIRELESS LAN  
ADAPTER



UTY-TFSXF2  
UTY-TFSXF3

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FUJITSU GENERAL LIMITED

DR\_OP006Ex\_01  
2018.11.30

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- Product specifications and design are subject to change without notice for future improvement.
- For further details, please check with our authorized dealer.

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# CONTENTS

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<b>WIRELESS LAN ADAPTER.....</b>	<b>1</b>
<b>1. Model lineup .....</b>	<b>2</b>
1-1. Applicable indoor units .....	2
<b>2. Specifications .....</b>	<b>3</b>
<b>3. System requirement.....</b>	<b>4</b>
<b>4. Installation .....</b>	<b>5</b>
4-1. Installing the WLAN adapter .....	5
4-2. System diagram .....	6
<b>5. Initial setup .....</b>	<b>7</b>
5-1. Pairing wireless router with this adapter.....	7
5-2. Mobile app installation and user registration .....	7
<b>6. Wireless LAN control.....</b>	<b>8</b>
6-1. Wireless LAN function list .....	8
<b>7. Accessories .....</b>	<b>9</b>



# **WIRELESS LAN ADAPTER**

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**MODEL NAME:**

**UTY-TFSXF2**

**UTY-TFSXF3**

# 1. Model lineup



Model name	Region or country
UTY-TFSXF2	Europe
UTY-TFSXF3	Australia, New Zealand, Thailand, Vietnam, India

## 1-1. Applicable indoor units

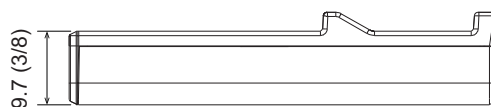
For applicable indoor units, refer to the product catalogue posted on Support page of the web site.  
<https://www.fujitsu-general.com/global/support/>

## 2. Specifications

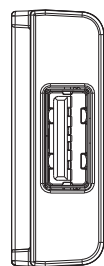
Item		Unit	Specification
Maximum radio-frequency power		mW	40
Dimensions (H × W × D)	Net	mm	56.7 × 34 × 9.7
		in	2-1/4 × 1-5/16 × 3/8
	Gross	mm	167 × 139 × 34
		in	6-9/16 × 5-1/2 × 1-5/16
Weight	Net	g (oz)	14 (1)
	Gross		88 (3)
Operating temperature range		°C (°F)	0 to 46 (32 to 114.8)

### ■ Dimensions

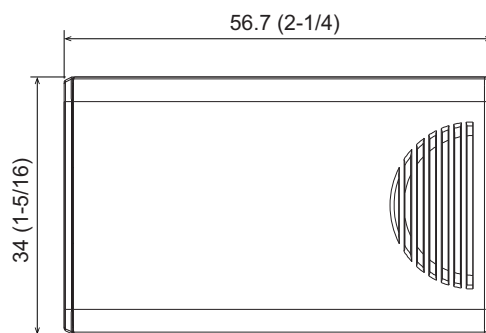
Unit: mm (in)



Side view



Connector side



Top view

### 3. System requirement

Before using this function, prepare the following items:

- **Wireless router:**

Wireless LAN standard	IEEE802.11b/g/n
Frequency bands*	<ul style="list-style-type: none"> <li>• U.S.A., Canada: 2.4 GHz (1ch—11ch)</li> <li>• Other countries: 2.4 GHz (1ch—13ch)</li> </ul>
Network security standard	<ul style="list-style-type: none"> <li>• Open</li> <li>• WEP</li> <li>• WPA (PSK)</li> <li>• WPA2 Personal (PSK)</li> <li>• WPS for same-LAN registration</li> </ul>

\*: Usable only in the country or region where you purchased the product.

To check whether your wireless router complies with the network security standards listed above, refer to the operation manual.

- **Smartphone or Tablet PC:**

App-compliant operating system	iOS	Check the latest version of supported OS at Google Play store or App Store.
	Android	

- ***FGLair*™ (mobile application):**

Mobile app is available on Google Play store or on App Store.

After installation of mobile app, user registration is required. For user registration and setup information, refer to Setting Manual attached with the product.

For the latest version of the Wireless LAN (WLAN) control manuals, refer to the following web site.  
<https://www.fujitsu-general.com/global/support/>



## 4. Installation

### 4-1. Installing the WLAN adapter

#### ⚠ WARNING

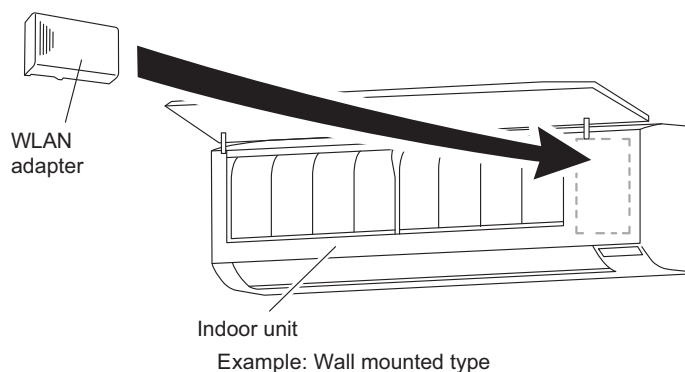
- Disconnect the power supply or turn off the breaker before starting work. Failure to disconnect the power supply may lead to electric shock or fire.
- Do not turn on the power until all installation work is complete.
- When installing this product, make sure that there are no children nearby. Otherwise, injury or electric shock could result.

#### ⚠ CAUTION

- To prevent personal injury, property damage, or product malfunction, read the setting manual attached with the product carefully, and be sure to comply with the safety precautions.
- Discharge static electricity on your body before starting work. If static electricity is not discharged, there is a risk that the circuit board components may be damaged.
- Do not touch the circuit board and circuit board parts directly with your hands. Otherwise, injury or electric shock could result.

#### NOTES:

- Install the wireless router near the indoor unit. (The connection will become unstable if it is placed further away, which will make using the system more difficult.)
- Certain types of wall materials may shut out wireless communications.
- Do not touch the indoor unit heat exchanger.



Plug the WLAN adapter into the connection slot of the indoor unit.

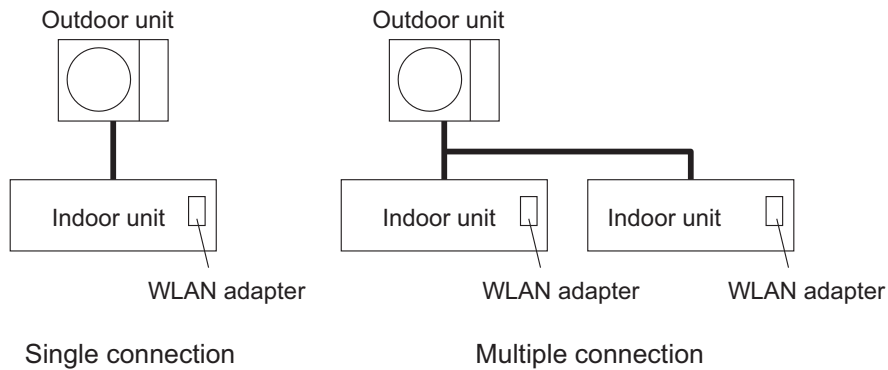
**NOTE:** The shape of the indoor unit, installation method, and position of the connection slot vary depending on the model.

After WLAN adapter installation is completed, perform appropriate function setting according to the installation environment with referring the setting manual of this product and the installation manual of the indoor unit.

**NOTE:** This product does not have operation buttons and indicator lamps. Setting should be done by using the remote controller and the status should be checked on the indicator lamps of the indoor unit.

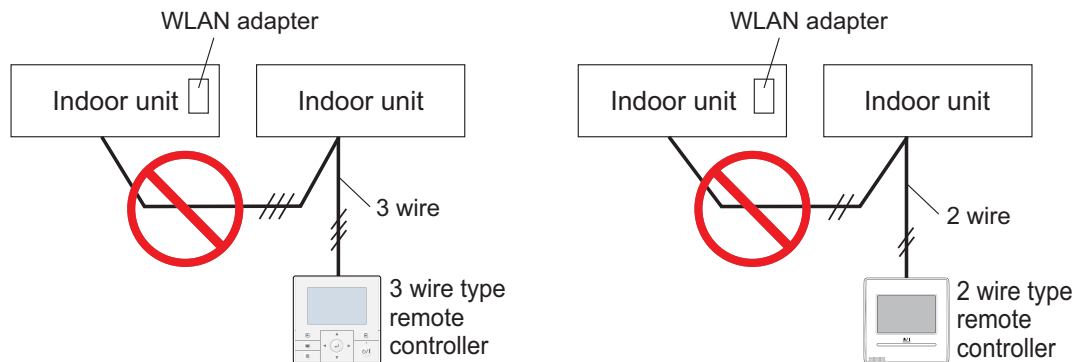
## 4-2. System diagram

One WLAN adapter can be connected to each indoor unit.

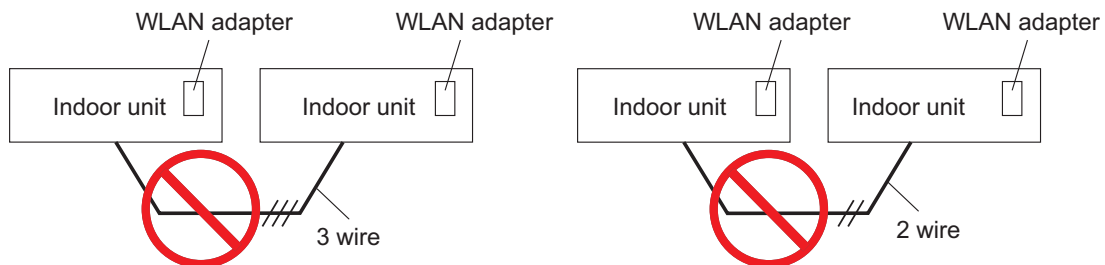


### Prohibited uses

#### (1) Group connection of indoor units with wired remote controller



#### (2) Group connection of indoor units



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## 5. Initial setup

By using FGLair, perform initial setup for WLAN control.

**NOTE:** Make sure that the smart device is connected to the same wireless router that the WLAN adapter is connected.

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### 5-1. Pairing wireless router with this adapter

This product has not operation buttons and indicator lamps. Setting with the remote controller of the air conditioner, and checking with the indicator lamps of the air conditioner.

The procedure will depend on the model of the indoor unit. Refer to the operating manual of the indoor unit.

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### 5-2. Mobile app installation and user registration

1. Visit Google Play store or App Store according to the type of connecting smart device.
2. Search for FGLair in the store.
3. Install the app by following the on-screen instructions.
4. After completing FGLair installation on your smart device, open the app and perform user registration by following the instructions.

## 6. Wireless LAN control

By installing FGLair on a smart device, several functions can be controlled from outside the house.

### **⚠ CAUTION**

To prevent personal injury, property damage, or product malfunction, read the setting manual attached with the product carefully, and be sure to comply with the safety and usage precautions.

### ■ Easy setup by mobile application

Initial setup can be done by using FGLair.

Refer to the setting manual attached with the product for information on the initial setup, operating tips, and troubleshooting.

## 6-1. Wireless LAN function list

**NOTE:** To use Wireless LAN control, user registration in advance and access to the wireless home network are required.


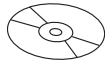

Item		Mobile app	
Air conditioning control function	Operation on/off	○	
	Operation mode setting	○	
	Set temperature setting	○	
	Fan speed setting	○	
	Airflow direction setting	Louver position adjustment (vertical/horizontal)	○*1
		Swing (vertical/horizontal)	○*1
	Timer setting	Weekly timer*2	○
Additional function	10 °C HEAT operation setting	○*1	
	ECONOMY operation setting	○	
	POWERFUL operation setting	○*1	
	Room temperature indicator	○	
App function	Air conditioner error e-mail notification	○	

○: Available, —: Not available

\*1: Different by the indoor unit function.

\*2: Weekly timer of wireless remote controller/wired remote controller and mobile application each have different settings. If timer settings are done from mobile application and from wireless remote controller/wired remote controller, both timer settings will be active.

## 7. Accessories

Part name	Exterior	Q'ty	Part name	Exterior	Q'ty
Setting manual		1	Setting manual (CD-ROM)		1
Web site manual		1			