Introduction

- Read the manual before installation and connection. Read the “Setting Manual” and “Operation Manual”. The manuals can be downloaded from our homepage at [https://www.aiphone.net/support/software-document/](https://www.aiphone.net/support/software-document/) free of charge.
- After completing installation and connection, program the system according to the “Setting Manual”. The system cannot operate unless it is programmed.
- After performing installation, review with the customer how to operate the system.

**Tips and Additional Information for Operation**

- Perform installation and connection only after gaining sufficient understanding of the system and this manual.

**Literature Information**

The important information concerning correct operation and what you should observe is marked with the following symbols:

- **!!** Indicates that users may require caution (including warning / caution).
- **!!!** Alerts users to prohibited actions.
- **!!** Restricts user actions / provides instructions.
- **!!** Tips and additional information for operation.

**Example of System Configuration**

![System Configuration Diagram]

**Part Names and Accessories**

![Part Names and Accessories Diagram]

**Precautions**

**Warning** Negligence could result in death or serious injury.

- Do not disassemble or modify the station. This may result in fire or electrical shock.
- Do not connect any terminals on the station directly to an AC power line. This may result in electrical shock or fire.
- Do not install or connect the station with the power on. This may result in fire or electrical shock.

**Caution** Negligence could result in injury to people or damage to property.

- Do not install or connect the station with the power on. This may result in electrical shock or malfunction.
- Do not put your ear close to the speaker when using the station. May cause harm to the ear if a sudden loud noise is emitted.

**About microSD card**

Choose a microSD card (sold separately) using the recommended specifications below (these are referred to collectively as “microSD cards”).

- A microSD card is not included with the station.
- Some microSD cards may not operate properly.
- If the card contains data other than video/audio files, it may not have enough space to record video/audio recordings.
- The network camera may not be able to record video, depending on the size of the video.

**Precautions for mounting**

- Install the device in the following locations could cause malfunction:
  - Locations subject to moisture and humidity extremes
  - Locations subject to moisture and humidity extremes
  - Locations subject to steam or oil smoke
  - Sulphurous environments
  - Locations close to the sea or directly exposed to sea breeze

**General Precautions**

- Do not use an impact driver to fasten screws. Doing so may cause damage to the device.
- Avoid installing the device in concave space of a wall to prevent disconnection of communication.
- This unit is designed for indoor use only. Do not install at outdoor locations.

**Standard Supported Storage Capacity**

- **Standard**
  - microSDHC memory cards
  - 4 GB to 32 GB

- **Supply**
  - SD speed class 10
How to Install
When flush mount kit is used, refer to the “How to Install” IXG-FMK-2C7 Installation Manual.

Installation of Tenant Station

1. Remove the mounting bracket. Slide the mounting bracket down and remove it.

2. Insert a microSD card into the microSD card slot if recording function is used.
   - If microSD card is not needed, go to step 3.
   1. Pull the microSD card slot cover to open.
   2. Insert a microSD card.
   3. Push in until you hear it click into place.
   4. When you take the microSD card out, push the microSD card until you hear it click, and then remove it.
   5. Return the cover.

3. Attach the mounting bracket.

4. Connect the option connector (included) to the low-voltage lines using crimping method, then insert the option connector and Cat-5e/6 cable to the station.

5. Fasten Cat-5e/6 cable to the station with the cable tie (included).

6. Attach the Cat-5e/6 cable to the station.

Connection Precautions

- Cat-5e/6 cable
  - For connection between devices, use a straight-through cable.
  - If necessary, when bending the cable, please observe the manufacturer’s recommendations. Failure to do so could cause a communication failure.
  - Do not strip away the cable insulation any more than is necessary.
  - Perform termination in accordance with TIA/EIA-568A or 568B.
  - After connecting the cable, be sure to verify conduction using a LAN checker or similar tool.
  - A RJ45 covered connector cannot be connected to the LAN ports of the stations. Use cables without covers on the connectors.

- Precautions regarding low-voltage line
  - Use PE (polyethylene)-insulated PVC jacketed cable. Parallel or jacketed conductors, mid-capacitance, non-shielded cable is recommended.
  - Never use twisted-pair cable or coaxial cable.
  - 2Pr x 4 twisted pair cables cannot be used.

- Wiring Connection
  - Be careful not to pull on the cable or subject it to excessive stress.
  - When connecting low-voltage lines, perform the connection using either the crimp sleeve method or soldering, then insulate the connection with electrical tape.