4. INSTALLATION PROCEDURE
4.1 Before Installation
To install the fingerprint unit on the control panel, make installation holes on the control panel with the dimensions shown below. The depth (9mm) is required above and below the hole. The installation hole of fingerprint unit is shown above.

4.2 Precautions for Installation
(1) To avoid installation errors, remove the GOT from the control panel.
(2) The recommended position to install the fingerprint unit is the right side of the GOT (for right hand).
(3) With installation, and mark the installation position. Mark the installation position to the right side of the control panel.
(4) Do not disassemble or modify the unit.
(5) Exercise care to avoid foreign matter such as chips and wire loss. Do not disassemble or modify the unit.
(6) Exercise care to avoid foreign matter such as chips and wire loss.
(7) Be sure to shut off all phases of the external power supply used by the system before installing or removing this unit from the GOT. Not doing so can cause a unit failure or malfunction.

4.3 Unit Installation
The following shows how to install the fingerprint unit on GT16/15 as an example.
(1) Turn off the GOT. Insert the fingerprint unit in a installation hole for the control panel.
(2) Through the cable in the installation hole of the control panel, and then insert the fingerprint unit.
(3) Connect the cable to the RS-232C interface of the GOT.
(4) Attach the cover to the fingerprint unit. (Attach the cover as required.)
(5) Insert the terminal label with the wire length of the fingerprint unit.
(6) To insert the terminal label and wire, bundle it with cable clamps.

5. PRECAUTIONS FOR USE
(1) The fingerprint unit complies with the protective structure IP67. The unit cannot be used with wet fingers or from. The protective structure of the fingerprint unit is different from that of the GOT (IP65).
(2) When using the GT16, do not use with wet fingers or dirty fingers.
(3) Do not pull the cable. Doing so can cause a unit failure or malfunction.
(4) The fingerprint unit is a consumable product. Check the use of the fingerprint unit on a regular basis, and replace with new one if necessary.
(5) Always install the fingerprint unit on the main circuit or power wires, or lay them close to each other.
(6) To eliminate the looseness of the wiring, bundle it with cable clamps.

5.1 Installation hole
(1) Install the fingerprint unit in a installation hole for the control panel.
(2) The space of 10mm is required above and below the hole to prevent damage to the fingerprint unit.
(3) To install the fingerprint unit on the control panel, make a installation hole for the fingerprint unit.

5.2 Corrective actions
(1) Always follow the precautions of both levels because they are important to the product safety. Always read these precautions before using this equipment.
(2) The general specifications and performance specifications of the fingerprint unit are the same as those of the GOT. Use the fingerprint unit according to the general specifications of the GOT.

[DESIGN PRECAUTIONS]
(1) To avoid installation errors, remove the GOT from the control panel.
(2) With installation, mark the installation position. Mark the installation position to the right side of the control panel.
(3) Exercise care to avoid foreign matter such as chips and wire loss. Do not disassemble or modify the unit.
(4) Do not pull the cable. Doing so can cause a unit failure or malfunction.
(5) The fingerprint unit is a consumable product. Check the use of the fingerprint unit on a regular basis, and replace with new one if necessary.

[INSTALLATION PRECAUTIONS]
(1) Before starting cleaning, always shut off GOT power externally.
(2) When the fingerprint unit is used with other extension units, the fingerprint unit can be removed from the control panel.

[CAUTION]
(1) Do not touch the control wires or communication cables with wet fingers or dirty fingers. (Due to electric shock, fire, malfunction or product damage or deterioration.)
(2) Do not place the unit or paper in an electrical shock, fire, malfunction or product damage or deterioration.
(3) Do not place the unit or paper in an area that has severe heat or cold. A unit damage may result.
(4) When installing the unit to the GOT, it is the connection of the mounting screws in the specified torque range. Uncorrelated wiring can cause a drop, failure or malfunction due to screw or unit damage.
(5) Overwinding can cause a drop, failure or malfunction due to screw or unit damage.

[TRANSPORTATION PRECAUTIONS]
(1) For prohibited areas when using other extension units, the fingerprint unit can be removed from the control panel.
(2) The general specifications and performance specifications of the fingerprint unit are the same as those of the GOT. Use the fingerprint unit according to the general specifications of the GOT.

[DISPOSAL PRECAUTIONS]
(1) Dispose of this product as industrial waste.
(2) The general specifications and performance specifications of the fingerprint unit are the same as those of the GOT. Use the fingerprint unit according to the general specifications of the GOT.

[STARTUP AND MAINTENANCE PRECAUTIONS]
(1) Exercise care to avoid foreign matter such as chips and wire loss. Do not disassemble or modify the unit.
(2) Mark the area near the connectors of the control panel.
(3) Insert the connection of the module.
(4) Exercise care to avoid foreign matter such as chips and wire loss.

[CAUTION]
(1) Do not disassemble or modify the unit.
(2) Always follow the precautions of both levels because they are impor-