TOA

CEILING MOUNTING BRACKET   C-BC20U

Thank you for purchasing TOA's Ceiling Mounting Bracket. Please carefully follow the instructions in this manual in order to ensure long, trouble-free use of your mounting bracket.

SAFETY PRECAUTIONS

• Before installation or use, be sure to carefully read all the instructions in this section in order to ensure long, trouble-free operation.
• Be sure to follow all the precautionary instructions in this section, which contain important warnings regarding safety.
• After reading, keep this manual handy for future reference.

⚠ **WARNING** Indicates a potentially hazardous situation which could result in death or serious personal injury if ignored or mishandled.

Install the unit only in a location that can structurally support the weight of the unit and the camera. Doing otherwise may result in the unit falling and causing personal injury.

⚠ **CAUTION** Indicates a potentially hazardous situation which could result in moderate or minor personal injury, and/or property damage if ignored or mishandled.
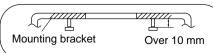
• Leave the unit's installation to the dealer from where the unit was purchased because the installation requires expert knowledge. Inadequate installation may cause the unit to fall, possibly resulting in personal injury.
• Do not hang from the camera, as it may fall, possibly resulting in personal injury.

GENERAL DESCRIPTION

The C-BC20U Bracket permits TOA's Dome Camera to be installed in a ceiling with only part of the Dome Camera exposed.

INSTALLATION

1. Cut a 145 mm diameter hole in the ceiling and run a length of coaxial cable to it, feeding it through the hole.
Note: Check to be sure that the ceiling panel is less than 30 mm in thickness, and that a space of at least 180 mm in diameter and 50 mm in height is available behind the panel.
2. Loosely install the camera mounting screws supplied with the bracket so that their heads project 10 mm or more from the ceiling surface.
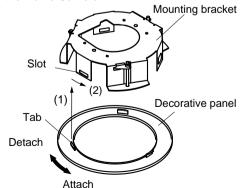

Mounting bracket   Over 10 mm

3. Install the bracket in the mounting hole.
 • When inserting the bracket into the mounting hole, align the bracket's notched section with the camera's intended orientation.
 • After installing the bracket, tighten the bracket mounting screws (3 places) with an electric screwdriver. The ceiling clamping plate is pulled down to grip the ceiling.
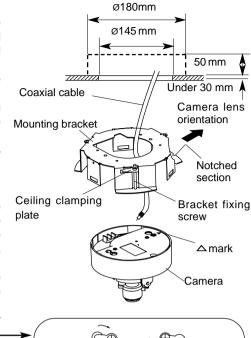**Note:** Check to be sure that the bracket is securely mounted in the ceiling.
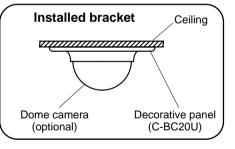4. Connect the coaxial cable hanging through the ceiling hole to the camera.
5. Align the △ mark on the camera's base with the orientation of the notch in the bracket. This allows slotted holes in the camera base to fit over the two camera mounting screws left projecting in Step 2. Rotate the camera clockwise until the screws are set in place as shown in the figure below, then tighten the screws.
Note: Ensure that the screws are securely tightened in the slotted holes.
6. Attach the dome cover to the camera.*
7. Attach the supplied decorative panel to the bracket.
 (1) Set the panel as shown below so that the panel's tab is offset slightly from the slot in the bracket.
 (2) Rotate the panel clockwise until the panel's tab aligns with the bracket slot, indicating that the panel is attached.
*For more information on the mounting bracket, refer to the instruction manual for the Dome Camera.

ø180mm
ø145 mm
50 mm
Under 30 mm
Coaxial cable
Mounting bracket
Ceiling clamping plate
Camera lens orientation
Notched section
Bracket fixing screw
△ mark
Camera

Slotted hole

Installed bracket   Ceiling
Dome camera (optional)   Decorative panel (C-BC20U)

Accessories

Decorative panel 1
M4 x 15 camera fixing screw 2
Instruction manual 1

TOA Corporation