ANNKE JXH001

ANNKE Universal Junction Box Mount Bracket User Manual

Model: JXH001

1. Product Overview

The ANNKE Universal Junction Box Mount Bracket (Model JXH001) is designed to provide a secure and weatherproof mounting solution for various security cameras, including bullet, dome, turret, and PTZ types. Constructed from heavy-duty aluminum, this bracket ensures durable and stable performance for both indoor and outdoor installations. It effectively conceals cables and connectors, maintaining a clean and professional appearance while protecting wiring from environmental elements.



Image 1.1: The ANNKE Universal Junction Box Mount Bracket, showing its circular design and side conduit connection.



Image 1.2: Close-up view highlighting the rugged, anti-corrosion aluminum material of the junction box.

Key Features:

- **Wide Compatibility:** Supports most ANNKE PoE & analog security cameras (C500, C800 bullet & turret, C500 Zoom, C800 Zoom, NC400, NC800, E200, E500, E800, BR200, FC200, FC800, AZ500, AZ800), with some exceptions (I91BF, I9BN, I51DN, I91BV, I9BZ models).

- **Durable Construction:** Made from heavy-duty aluminum, capable of holding objects up to 4,500 grams (4.5 kg).
- **Weatherproof Design:** Suitable for both indoor and outdoor environments, resistant to harsh weather conditions.
- **Easy Installation:** Features tailored holes for cable routing and supports both wall and ceiling mounting.
- **Cable Management:** Provides space to hide wires and connectors, ensuring a neat installation and protecting wiring.

2. Package Contents

Before beginning installation, please verify that all components are present and in good condition.



Image 2.1: Illustration of the package contents, including the junction box, drill template, conduit connector, mounting screws, and camera mounting screws.

Table 2.1: Included Components

Item	Quantity	Description
Junction Box Mount Bracket	1	Main unit for camera mounting and cable concealment.
Drill Template	1	For accurate hole marking during installation.
Conduit Connector	1	For connecting electrical conduit to the junction box.
Mounting Screws & Wall Plugs	Set	For securing the junction box to the wall or ceiling.
Camera Mounting Screws	Set	For attaching the security camera to the junction box.

3. Installation Guide

This section provides step-by-step instructions for installing the ANNKE Universal Junction Box Mount Bracket.

3.1 Important Considerations

- The bracket should be installed on a flat, stable surface.
- For outdoor installations, ensure waterproof rubber seals are properly used to prevent water ingress.
- The mounting surface must be capable of supporting at least three times the combined weight of the camera and the bracket. The bracket itself can support up to 4.5 kg (4,500 g).

3.2 Mounting Steps

1. **Prepare the Mounting Surface:** Choose a suitable location for installation. Ensure the surface is clean and flat.
2. **Mark Drill Holes:** Use the provided drill template to mark the positions for the mounting holes on the wall or ceiling.



Image 3.1: The drill template showing the various hole patterns for different camera types and mounting configurations.

3. **Drill Holes:** Drill holes at the marked positions using an appropriate drill bit for your wall material. Insert wall plugs if necessary.
4. **Attach the Junction Box:** Align the junction box with the drilled holes and secure it to the surface using the provided mounting screws.



Image 3.2: Example of the junction box installed on a wall, with cables routed through the top.

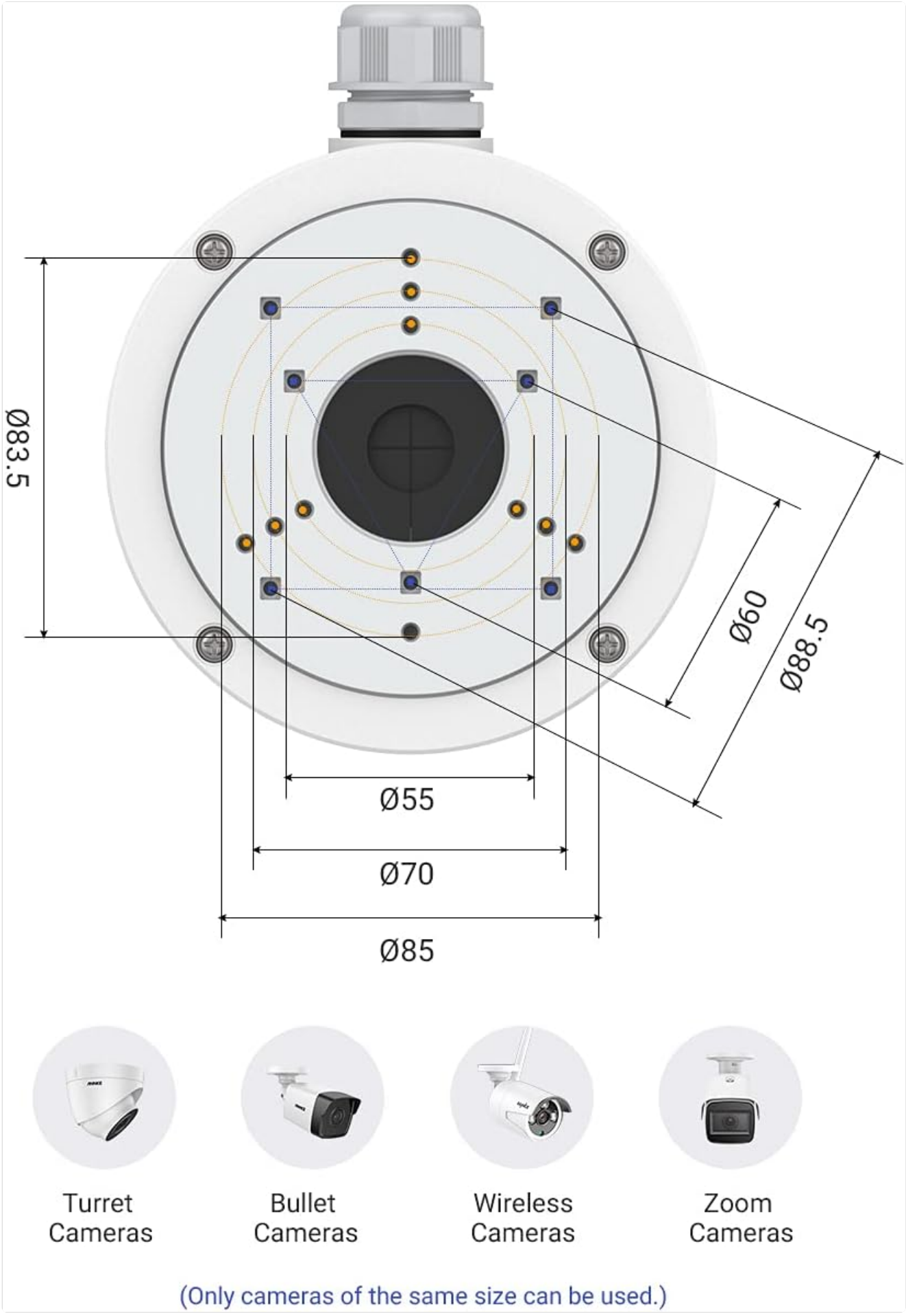


Image 3.3: Example of the junction box installed on a ceiling, demonstrating its versatility for different mounting orientations.

5. **Route Cables:** Pass the camera cables through the designated access points (rear or bottom) into the junction box. This helps hide and protect the wiring.

6. **Mount the Camera:** Align your security camera with the appropriate screw holes on the junction box and secure it using the camera mounting screws. Ensure the camera is firmly attached.



Image 3.4: A security camera mounted onto the junction box, illustrating the integrated and clean installation.

4. Specifications

Table 4.1: Product Specifications

Feature	Detail
Model Number	JXH001
Material	Aluminum
Dimensions (L x W x H)	3.94 x 3.94 x 1.97 inches (approx. 100 x 100 x 50 mm)
Item Weight	3.53 ounces (approx. 100 g)
Max Load Capacity	4,500 g (4.5 kg)
Application Environment	Indoor/Outdoor (Waterproof)
Compatibility	Most ANNKE PoE & analog security cameras (refer to Product Overview for details)

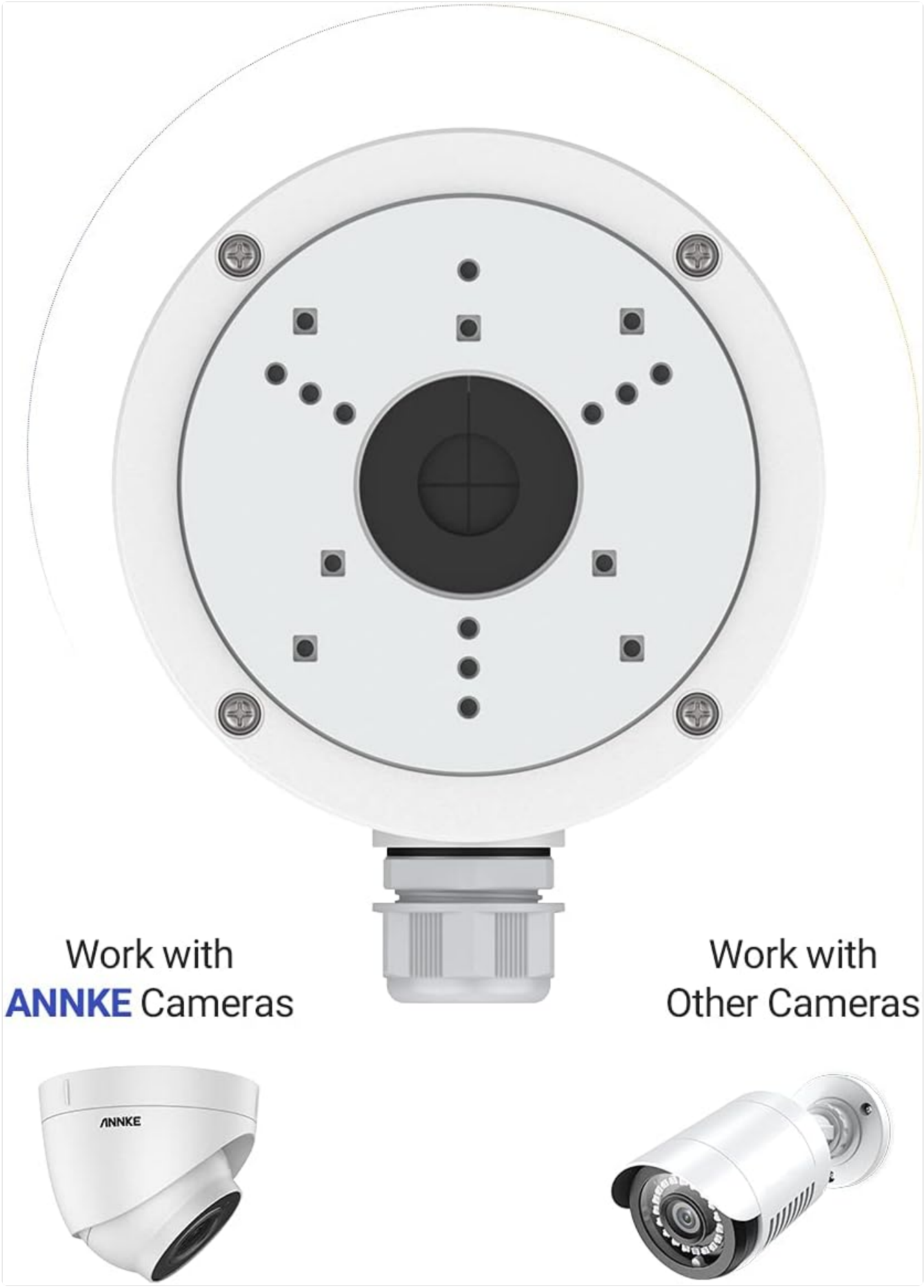


Image 4.1: Detailed technical drawing showing the dimensions of the junction box and various mounting hole patterns for different camera types (Turret, Bullet, Wireless, Zoom cameras).

5. Maintenance

The ANNKE Universal Junction Box Mount Bracket is designed for minimal maintenance. However, periodic checks can ensure its longevity and continued performance.

- **Cleaning:** Wipe the exterior of the junction box with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners or solvents.
- **Seal Inspection:** Periodically inspect the waterproof seals, especially for outdoor installations, to ensure they are intact and free from cracks or damage. Replace if necessary.
- **Screw Tightness:** Check all mounting screws and camera attachment screws annually to ensure they remain tight. Loose screws can compromise stability and weather resistance.
- **Cable Integrity:** Verify that cables entering and exiting the junction box are not frayed, pinched, or exposed. Ensure cable glands are securely tightened.

6. Troubleshooting

This section addresses common issues you might encounter with the junction box.

Table 6.1: Troubleshooting Guide

Problem	Possible Cause	Solution
Junction box feels loose after installation.	Mounting screws are not sufficiently tightened or wall plugs are not properly seated.	Ensure all mounting screws are tightened securely. If using wall plugs, verify they are appropriate for the wall material and fully inserted.
Water ingress into the junction box (outdoor use).	Improper sealing of cable entries or damaged waterproof seals.	Check that all cable glands are tightly secured. Inspect the rubber seals for any damage and replace if necessary. Apply additional silicone sealant around cable entries if needed.
Camera does not align with pre-drilled holes on the junction box.	Camera model is not fully compatible or an incorrect mounting pattern was used.	Refer to the compatibility list in the Product Overview. The junction box supports various patterns; ensure you are using the correct one for your camera. Some cameras may require drilling new holes on the junction box if not directly compatible.
Difficulty routing cables through the box.	Cables are too thick or access points are obstructed.	Ensure cables are properly bundled and not excessively thick. Use the designated rear or bottom access points. If using conduit, ensure it is correctly sized and connected.

7. Warranty and Support

ANNKE products are designed for reliability and performance. For warranty information and technical support, please refer to the official ANNKE website or contact their customer service directly.

- **Customer Support:** For technical assistance, installation queries, or troubleshooting beyond this manual, please visit the ANNKE Official Store on Amazon or their main website.
- **Warranty Information:** Details regarding product warranty periods and terms can typically be found on the product packaging or the official ANNKE support pages. Keep your purchase receipt for warranty claims.

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