

Hanwha Techwin SBP-300NBW

Hanwha Techwin SBP-300NBW Installation Back Box User Manual

MODEL: SBP-300NBW

1. Introduction

The Hanwha Techwin SBP-300NBW is an installation back box designed to provide a secure and weather-resistant enclosure for wiring and connections when installing compatible Hanwha Techwin wall mounts. This back box is constructed from durable aluminum with a powder-coated finish and is rated IP66 for outdoor use, ensuring protection against dust and powerful water jets. It is an essential accessory for maintaining the integrity and longevity of your surveillance system installations.

2. Safety Information

- Always ensure power is disconnected before installation or maintenance to prevent electric shock.
- Installation should be performed by qualified personnel in accordance with all local electrical codes and regulations.
- Use appropriate tools and personal protective equipment (PPE) during installation.
- Verify that the mounting surface can support the combined weight of the back box, wall mount, and camera.
- Ensure all connections are secure and properly sealed to maintain the IP66 rating.
- Do not modify the back box in any way, as this may compromise its protective features and void the warranty.

3. Package Contents

Please check that all items are present in the package:

- SBP-300NBW Installation Back Box (1 unit)
- Mounting Screws and Anchors (quantity as required for installation)
- Installation Guide (this document)

4. Setup

4.1 Mounting Instructions

The SBP-300NBW back box is designed for surface mounting and provides a secure base for various Hanwha Techwin wall mounts. Follow these steps for proper installation:

1. Select a suitable mounting location that is structurally sound and can support the total weight of the back box, wall mount, and camera.
2. Use the back box as a template to mark the drilling points on the mounting surface.
3. Drill pilot holes at the marked locations, ensuring the correct drill bit size for the provided anchors.
4. Insert the anchors into the drilled holes (if required for your mounting surface).
5. Align the back box with the drilled holes and secure it firmly to the surface using the provided mounting screws. Ensure the box is level.
6. Route necessary cables through the designated entry points on the back box.



This image displays the SBP-300NBW installation back box, a white, rectangular enclosure designed for outdoor use. It features multiple pre-drilled mounting holes on its front face and sides, along with a large central circular opening for cable entry and connection to compatible wall mounts. The box is constructed from durable material, indicated by its robust appearance and secure screw closures on the side panels.

4.2 Wiring Connections

The SBP-300NBW provides ample space for managing wiring connections. After mounting the back box, connect your camera's cables (e.g., Ethernet, power) within the enclosure. Ensure all connections are secure and properly insulated. Once wiring is complete, attach the compatible Hanwha Techwin wall mount (e.g., SBP-300WM, SBP-300WM1, SBP-300KM, SBP-300P, SBP-300WMW, SBP-300WMW1, SBP-300KMW, SBP-300PMW) to the front of the back box, ensuring a tight seal to maintain the IP66 weather resistance.

5. Operating

Once installed, the SBP-300NBW functions as a protective enclosure for camera wiring and connections, ensuring environmental protection and a clean installation. It does not require active operation. Its primary function is passive protection and structural support for the associated wall mount and camera.

6. Maintenance

The SBP-300NBW back box requires minimal maintenance. Periodically inspect the following:

- **Physical Condition:** Check for any signs of damage, cracks, or corrosion on the enclosure.
- **Mounting Security:** Ensure all mounting screws remain tight and the box is securely fastened to the surface.
- **Seals:** Verify that all seals and gaskets between the back box and the wall mount are intact and providing a proper weather-tight seal.
- **Cleanliness:** Clean the exterior of the back box with a soft, damp cloth if it accumulates dirt or debris. Avoid abrasive cleaners.

7. Troubleshooting

Most issues related to the back box are installation-dependent. Consider the following if problems arise:

- **Water Ingress:** If water is found inside the back box, immediately check all seals, cable glands, and the connection point to the wall mount. Ensure all components are properly tightened and sealed according to installation instructions.
- **Loose Mounting:** If the back box feels loose, re-tighten all mounting screws. If the mounting surface is compromised, consider relocating or reinforcing the mounting area.
- **Cable Damage:** Ensure cables are not pinched or abraded by the back box or wall mount. Reroute or protect cables as necessary.

8. Specifications

Model	SBP-300NBW
Brand	Hanwha Techwin
Material	Aluminum
Finish Type	Powder Coated
Ingress Protection (IP) Rating	IP66
Compatibility	SBP-300WM, SBP-300WM1, SBP-300KM, SBP-300P, SBP-300WMW, SBP-300WMW1, SBP-300KMW, SBP-300PMW Wall Mounts
Dimensions	Refer to product diagrams for detailed dimensions.

9. Warranty Information

For detailed warranty terms and conditions, please refer to the official Hanwha Techwin warranty policy available on their website or contact your authorized reseller. Keep your proof of purchase for warranty claims.

10. Support

If you encounter any issues or have questions regarding the SBP-300NBW Installation Back Box that are not covered in this manual, please contact your product supplier or visit the official Hanwha Techwin support website for further assistance and technical documentation.