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## SANNCE SANNCE CAMERA

# SANNCE 1080p Dome Security Camera User Manual

Model: SANNCE CAMERA | Brand: SANNCE

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your SANNCE 1080p Dome Security Camera. Designed for both indoor and outdoor use, this camera offers high-definition surveillance with advanced features like night vision and weatherproof durability. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.



Figure 1.1: SANNCE 1080p Dome Security Camera Overview

This image displays the SANNCE 1080p Dome Security Camera, a compact black dome-shaped device with a visible lens and infrared LEDs, designed for discreet surveillance.

## 2. PRODUCT FEATURES

- **Crystal 1080p Full HD Footage:** Experience clear and detailed video surveillance with 1080p resolution, capturing sharp 2MP images day and night.

# 1080p Full HD Images

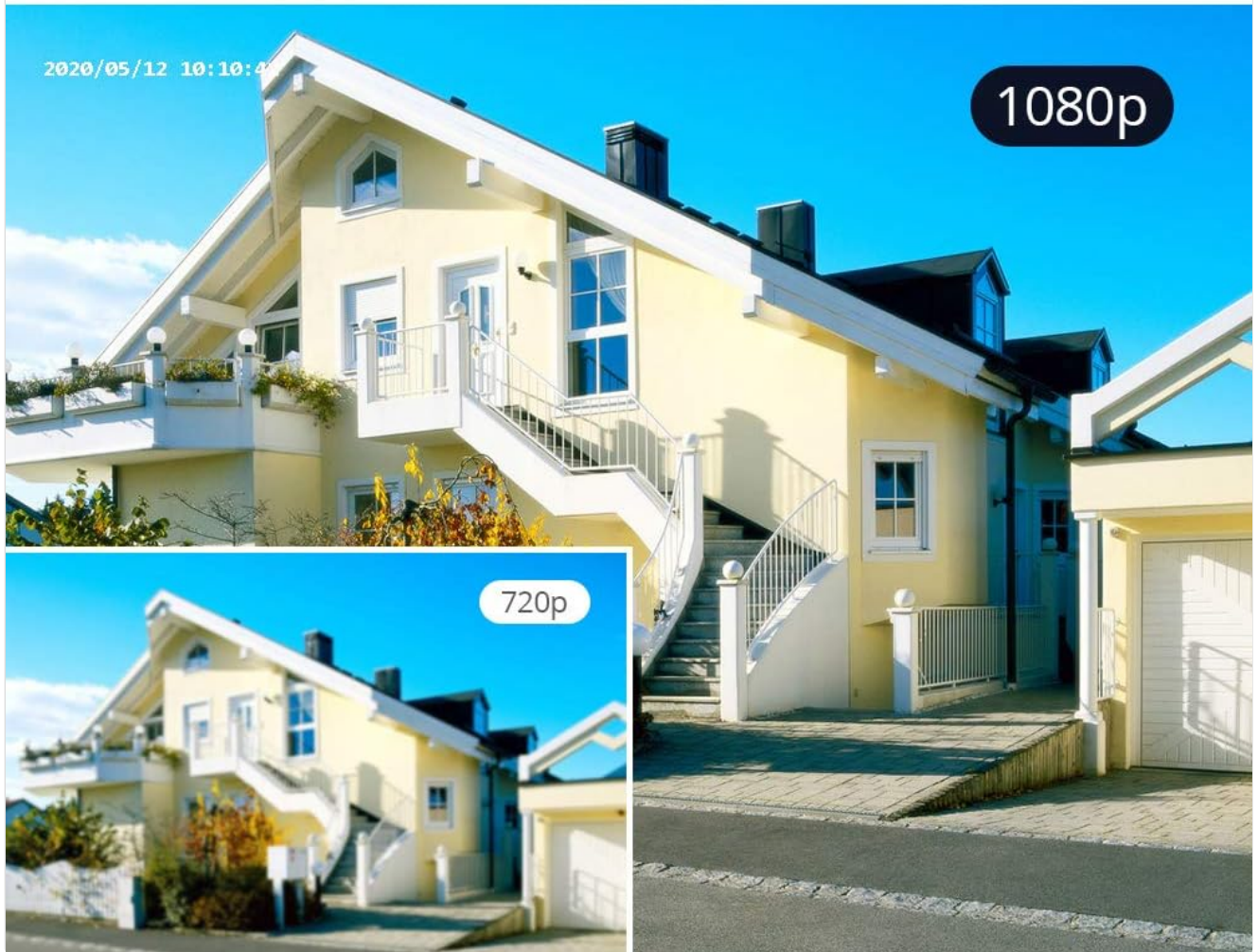


Figure 2.1: 1080p Full HD Image Quality

This image illustrates the superior clarity of 1080p Full HD footage compared to 720p, showing a detailed view of a house under clear daylight conditions.

- **Powerful 4-in-1 Compatibility:** This camera supports AHD, TVI, CVI, and CVBS video outputs, ensuring broad compatibility with various SANNCE and third-party DVRs for continuous 24/7 recording.

# Powerful 4-in-1 Camera

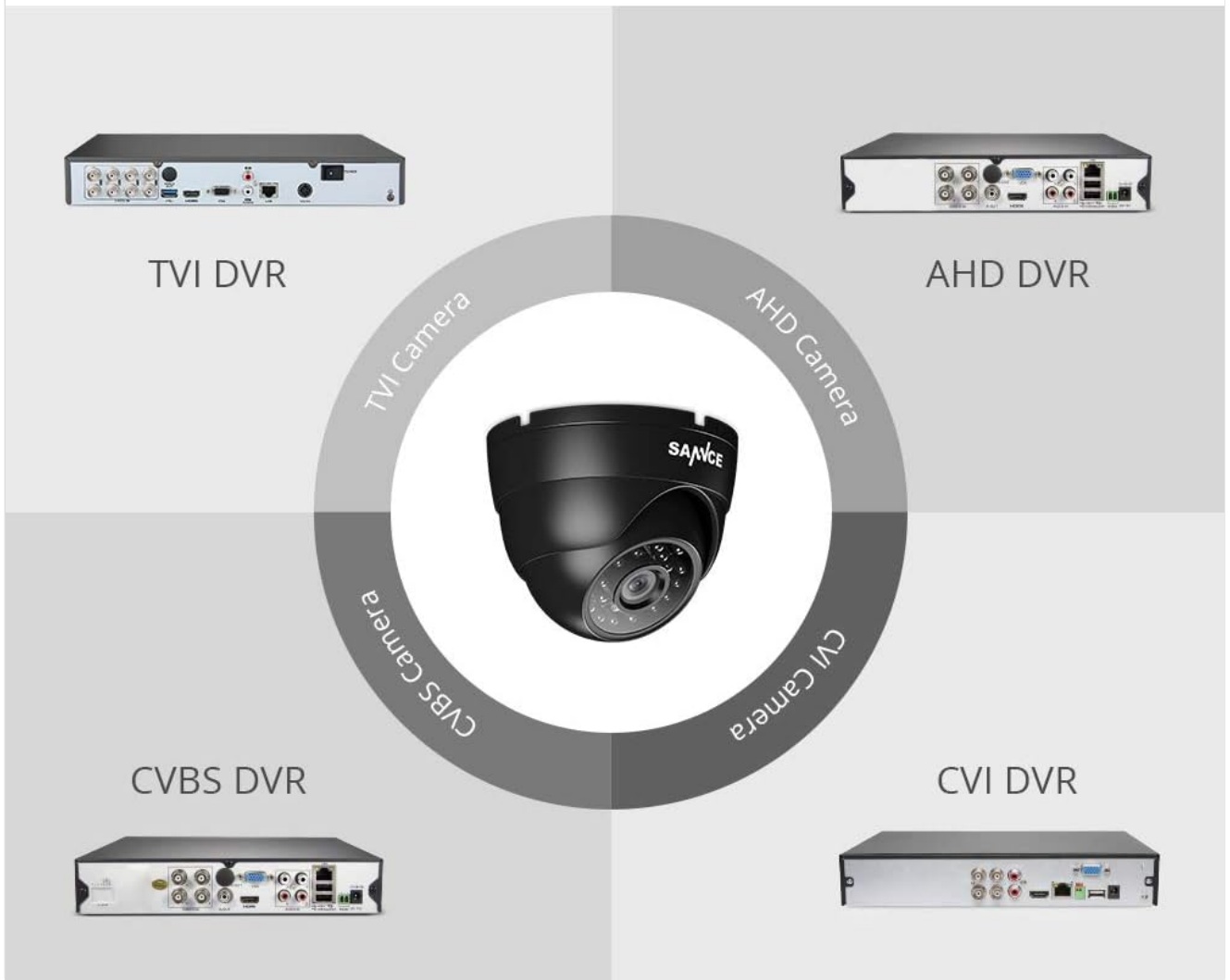


Figure 2.2: 4-in-1 Video Output Modes

This diagram shows the SANNCE camera's compatibility with TVI, AHD, CVI, and CVBS DVR systems, highlighting its versatility.

- **100 ft Clear Night Vision:** Equipped with smart IR LEDs, the camera provides clear images up to 100 feet in low-light conditions. 3D DNR and digital WDR technologies reduce image noise for enhanced night vision.

# 100 ft IR Night Vision



Figure 2.3: Night Vision Capability

This image demonstrates the camera's 100 ft night vision, showing a clear view of an outdoor patio area at night, illuminated by the camera's infrared capabilities.

- **IP66 Weatherproof & Dustproof:** The robust IP66-rated housing ensures reliable operation in extreme weather conditions, suitable for both outdoor and indoor installations.

# Durable IP66 Weatherproof



Figure 2.4: IP66 Weatherproof Rating

This image shows the SANNCE camera mounted outdoors during rainfall, illustrating its IP66 weatherproof design.

- **Easy to Install and Operate:** Features an adjustable 3-axis stand for flexible positioning and CE-/FCC-certified quality.

## 3. PACKAGE CONTENTS

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The SANNCE 1080p Dome Security Camera package includes:

- 1 x SANNCE 1080p Dome Security Camera

*Please note: Power supply and video cables are not included and must be purchased separately.*

## 4. SETUP AND INSTALLATION

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### 4.1 Camera Components Overview



Figure 4.1: Camera Components and Connections

This diagram labels key components of the SANNCE camera, including the 24 LEDs, 3.6 mm HD lens, IP66 metal housing, mode switch, video output, and 12V power port.

## 4.2 Installation Steps

1. **Choose a Mounting Location:** Select a suitable location for the camera, considering the desired viewing angle and proximity to power and DVR connections. The adjustable 3-axis stand allows for flexible mounting on walls or ceilings.
2. **Mount the Camera:** Securely attach the camera to the chosen surface using appropriate screws and anchors. Adjust the camera lens to the desired angle.
3. **Connect Power and Video Cables:**
  - Connect a 12V DC power adapter (not included) to the camera's power input port.
  - Connect a BNC video cable (not included) from the camera's video output port to an available video input channel on your DVR.

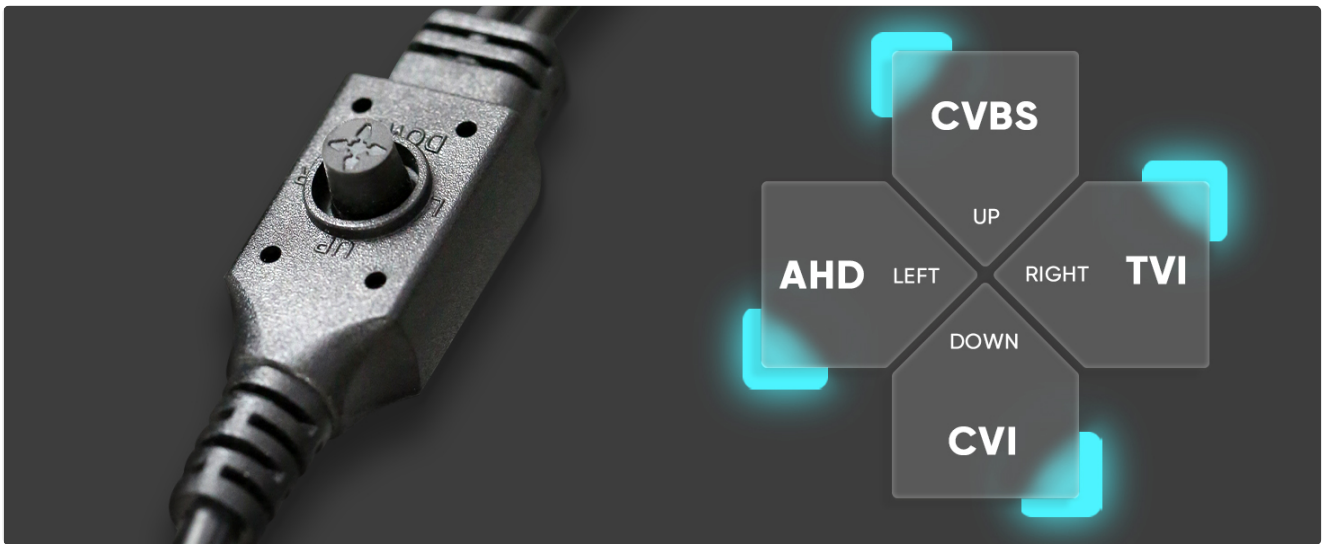


Figure 4.2: Typical Camera Connection Setup

This diagram illustrates the typical connection setup for the SANNCE camera, showing connections for power, video output to the DVR, and the DVR connected to a monitor.

4. **Select Video Output Mode (if necessary):** The camera supports AHD/TVI/CVI/CVBS video output. To change the mode, locate the control button on the camera cable.
  - Press and hold the button for 5 seconds to access the OSD menu.
  - Push the button leftward/rightward/upward/downward for 5 seconds to switch between AHD/TVI/CVI/CVBS modes. Ensure the selected mode matches your DVR's input type.



# Effortless Output Mode Switching via the Control Button

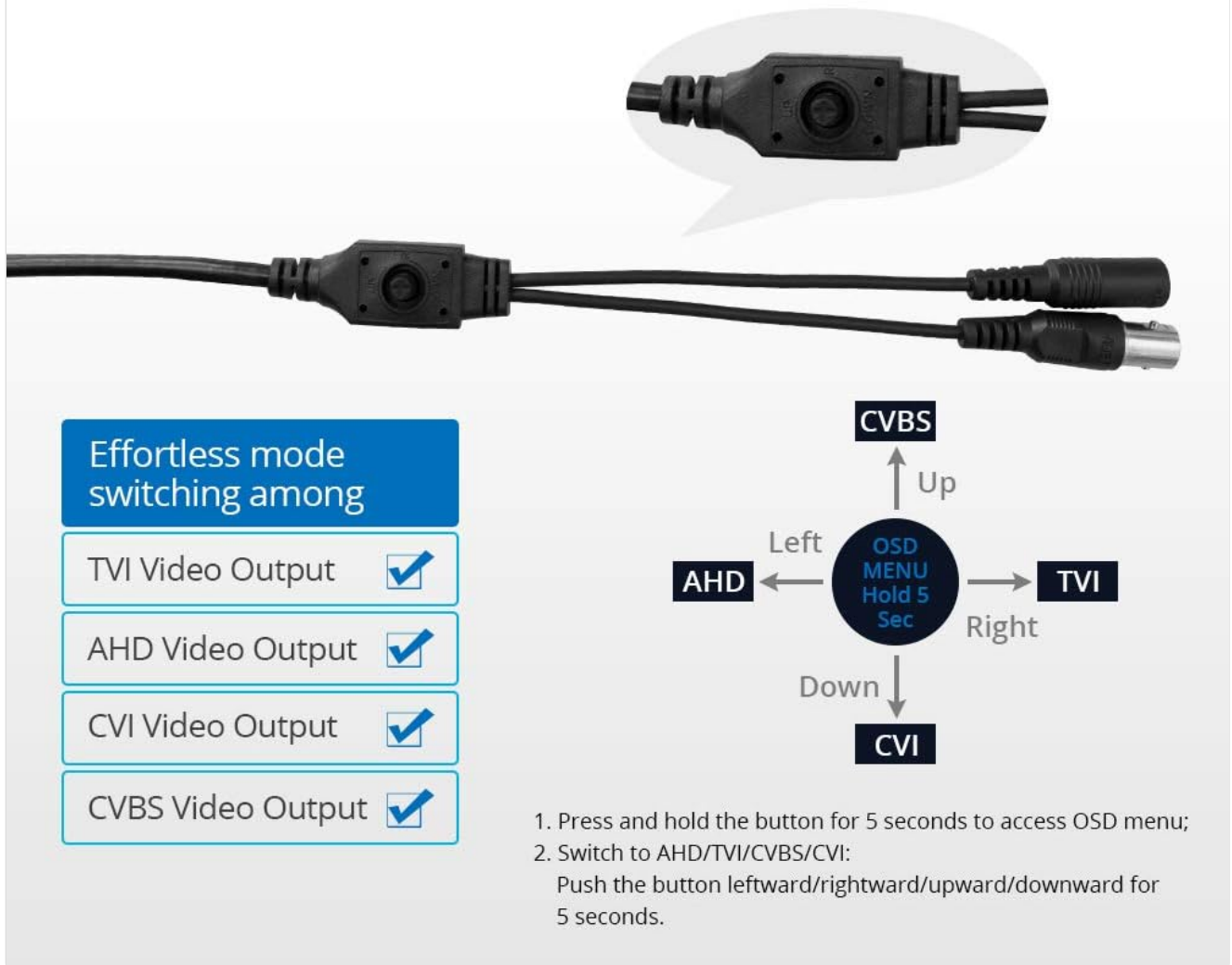


Figure 4.3: OSD Menu Control for Video Output Switching

This image details the control button on the camera cable used to access the OSD menu and switch between different video output modes (TVI, AHD, CVI, CVBS).

## 5. OPERATING INSTRUCTIONS

Once installed and connected to a compatible DVR, the SANNCE camera will begin recording according to your DVR's settings. Refer to your DVR's user manual for specific recording, playback, and remote viewing instructions.

- **Day/Night Mode:** The camera automatically switches between day (color) and night (black and white infrared) modes based on ambient light conditions. The smart IR LEDs activate automatically in low light to provide clear night vision.
- **Motion Detection:** If your DVR supports motion detection, configure it through the DVR's interface. The camera provides the video feed for motion analysis.

## 6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid using harsh chemicals or abrasive materials.

- **Environmental Protection:** The IP66 rating protects the camera from dust and water jets. However, avoid submerging the camera in water or exposing it to high-pressure water streams.
- **Cable Inspection:** Periodically check all cable connections for wear, damage, or loose connections to ensure continuous operation.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor/DVR	No power to camera; Loose video cable connection; Incorrect video output mode.	Check power adapter and connection. Ensure video cable is securely connected to both camera and DVR. Verify camera's video output mode matches DVR input (AHD/TVI/CVI/CVBS) using the OSD control button.
Poor image quality (blurry, distorted)	Dirty lens; Incorrect focus (if adjustable); Interference; Low light conditions (if day mode).	Clean the camera lens. Ensure the camera is in the correct video output mode for your DVR. Check for strong electromagnetic interference near cables. Ensure sufficient lighting or verify night vision is active.
Night vision not working	Insufficient power; IR LEDs malfunction; Ambient light too high.	Ensure stable 12V power supply. Check if IR LEDs visibly light up in darkness. Move camera to a darker area to test automatic IR activation.
Camera not recognized by DVR	Incompatible video format; Faulty cable.	Confirm the camera's video output mode (AHD/TVI/CVI/CVBS) is compatible with and correctly set for your DVR. Try a different video cable.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	SANNCE CAMERA
Video Capture Resolution	1080p Full HD (2MP Effective)
Connectivity Technology	Wired (AHD/TVI/CVI/CVBS)
Night Vision Range	Up to 100 Feet (30 meters)
International Protection Rating	IP66 (Weatherproof & Dustproof)
Power Source	Corded Electric (12 Volts, 3 watts)
Material	Plastic
Dimensions (L x W x H)	4.33 x 4.33 x 3.07 inches (110 x 110 x 78 mm)
Item Weight	11.3 ounces (320 grams)
Operating Temperature	Up to 50 Degrees Celsius
Form Factor	Dome
Color	Black



Figure 8.1: Camera Dimensions

This image provides the physical dimensions of the SANNCE dome camera, showing its width as 65mm and height as 93mm.

## 9. WARRANTY AND SUPPORT

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

**Official SANNCE Store:** [Visit SANNCE Store on Amazon](#)

Please have your product model number (SANNCE CAMERA) and purchase details ready when contacting support.

