



Coaxial Camera Controller User Manual

UD.6L0201D0120A02

Thank you for purchasing our product. If there are any questions, or requests, please do not hesitate to contact the dealer.

About This Document

This manual applies to DS-1045 coaxial camera controller. This manual may contain several technical incorrect places or printing errors, and the content is subject to change without notice. The updates will be added to the new version of this manual. We will readily improve or update the products or procedures described in the manual.

DISCLAIMER STATEMENT

Underwriters Laboratories Inc. ("UL") has not tested the performance or reliability of the security or signaling aspects of this product. UL has only tested for fire, shock or casualty hazards as outlined in UL's Standard(s) for Safety, UL60950-1. UL Certification does not cover the performance or reliability of the security or signaling aspects of this product. UL MAKES NO REPRESENTATIONS, WARRANTIES OR CERTIFICATIONS

WHATSOEVER REGARDING THE PERFORMANCE OR RELIABILITY OF ANY SECURITY OR SIGNALING RELATED FUNCTIONS OF THIS PRODUCT.

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Regulatory Information

FCC Information

FCC compliance: This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable

harmonized European standards listed under the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC.



2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.

1 Introduction

1.1 Product Features

Adopting the coaxial transmission technology, the coaxial camera controller is able to receive the video signal from the camera and deliver the command signal to control the camera. With the coaxial transmission technology, which saves the cost and simplifies the construct or maintenance greatly, the coaxial camera controller shows great flexibility in the system extension and improvement.

The main features of the coaxial camera controller are as follows:

- Coaxial transmission technology allows OSD control
- Connectable channel: 1
- Maximum controllable length: 200 M
- External transmission and control interface: BNC
- Power supply: batteries (2×AAA)
- Advanced engineering design with high reliability

1.2 Overview

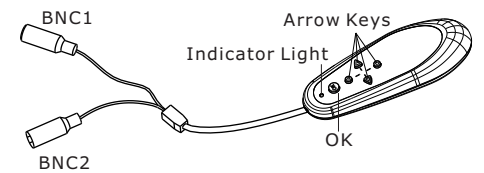


Figure 1-1 Overview

Notes:

- BNC 1 and BNC 2 are used to connect the camera and the Digital Video Recorder (DVR) or encoder.
- There is no polar difference between the BNC 1 and BNC 2. You can select either of them to make a connection.

2 Operations

DS-1045 is applicable to the cameras with the coaxial control function.

Steps:

1. Connect the controller to the DVR/encoder and the camera.

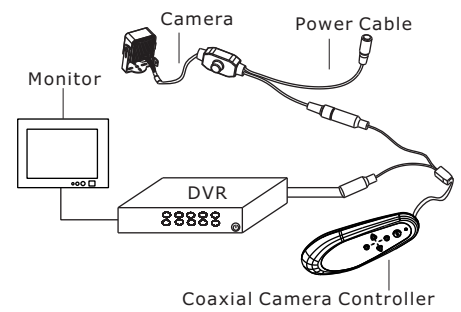


Figure 2-1 Connections

2. Press **OK** for few seconds till you see the OSD menu displays on the monitor.
3. Use the **▲▼◀▶** buttons to select the menu items.
4. Press **OK** to confirm a selection.

Notes:

- The controller goes to the hibernation mode if no command is received in 5 seconds.
- The coaxial camera controller is battery powered. 2 AAA batteries are required for the controller to work properly.
- Do not dispose the battery randomly. Make sure you dispose the dead battery at the proper place.