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› Dpofirs 5-inch 4-in-1 CCTV IP Camera Tester Monitor User Manual (Model: DPOFIRS9BN72GZUI1)

Dpofirs Dpofirs9bn72gzui1

Dpofirs 5-inch 4-in-1 CCTV IP Camera Tester Monitor

Model: DPOFIRS9BN72GZUI1

Brand: Dpofirs

1. INTRODUCTION

This manual provides detailed instructions for the Dpofirs 5-inch 4-in-1 CCTV IP Camera Tester Monitor. This device is designed for efficient installation and maintenance of security surveillance systems, offering comprehensive testing capabilities for various camera types and network cables.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this device. Keep the device away from water and extreme temperatures. Do not attempt to disassemble or repair the unit yourself. Use only the provided power adapter.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Dpofirs 5-inch 4-in-1 CCTV IP Camera Tester Monitor
- Power Adapter (US Plug 100-240V)
- UTP Cable Test Adapter
- Audio Cable
- Video Cable
- RS485 Control Cable
- DC12V Power Output Cable
- Carrying Pouch
- Neck Strap



Image 3.1: Dpofirs CCTV Tester Monitor and included accessories.

4. PRODUCT OVERVIEW

The Dpofirs CCTV Tester Monitor features a 5-inch 800x480 wide-angle display, designed for portability and durability with protective film and rubber on both sides. It supports various video inputs and testing functions.

4.1 Device Features

- 5.0 inch 800 (RGB) x 480 wide angle display screen.
- Supports PAL/NTSC standard image.
- Built-in Pelco D/P and other PTZ control protocols via RS485 interface.
- DC12V 1A power output for camera power supply.
- Audio testing function for pickup devices.
- Enhanced UTP cable testing.
- VGA input (supports 1024x768, 1280x1024 resolutions).

- HD Multimedia Interface input (supports 480i/P, 576i/P, 720i/P, 1080i/P resolutions).
- TVI coaxial high-definition video monitoring testing (supports 720p/1080p at 25/30/50/60fps, 5MP, 8MP resolutions).
- AHD/TVI/CVI camera testing up to 8MP.
- Built-in 2600mAh large capacity battery for extended use.

5 inch Supports 8MP



**Analog coaxial AHD, CVI, TVI, VGA input,
HD multimedia interface input**

Image 4.1: Device screen indicating 5-inch display and 8MP support.

5 Inch Screen

Protected by film and rubber on both sides



Image 4.2: Device protected by film and rubber, showing the kickstand and neck strap.

4.2 Port Layout

Familiarize yourself with the various ports and connectors on the device:



Image 4.3: Top and bottom views of the tester with labeled ports including VGA Input, HD Multimedia Interface Input, Audio Testing, 5V Charging Port, RJ485 Stabilizer Control, DC12V Output, Video Input, Network Cable Test Port, LED Light, and Color Bar Output.

5. SETUP

Before initial use, ensure the device is fully charged using the provided power adapter.

5.1 Powering On/Off

Press and hold the power button located on the top right of the device to turn it on or off.

5.2 Initial Configuration

Upon first power-on, you may need to adjust basic settings such as brightness, contrast, and color. Navigate through the menu using the directional buttons and confirm with the 'MENU' button.

Your browser does not support the video tag.

Video 5.1: Overview of the Dpofirs CCTV Tester Monitor's interface and port locations.

6. OPERATING INSTRUCTIONS

6.1 Video Testing (AHD, TVI, CVI, VGA, IP)

Connect the camera's video output to the corresponding input port on the tester. The device will automatically detect the video signal type (AHD, TVI, CVI, etc.) or allow manual selection for VGA/HD Multimedia Interface inputs. For IP cameras, connect via the network port.

Your browser does not support the video tag.

Video 6.1: Demonstrates connecting an analog camera and utilizing the 12V DC power output, along with the TDR network cable test function.

6.2 PTZ Control

For PTZ cameras, connect the RS485 control cable to the tester. Access the PTZ control menu to operate camera movements (up, down, left, right), zoom, focus, and aperture size using supported protocols like Pelco D/P.

6.3 DC12V Power Output

The tester provides a DC12V 1A power output port. Use the included DC power output cable to temporarily power a camera directly from the tester during installation or troubleshooting.

6.4 Audio Testing

Connect audio devices, such as microphones or pickups, to the audio input port on the tester to verify audio functionality in the surveillance system.

6.5 Network Cable Testing (UTP)

Connect one end of the UTP cable to the 'UTP CABLE TEST' port on the tester and the other end to the UTP cable test adapter. The device will display the wiring status and identify any faults in the cable.



Image 6.1: Close-up view of the UTP SCAN port for network cable testing.

6.6 VGA and HD Multimedia Interface Input

For VGA input, connect a VGA cable and select VGA mode from the menu. For HD Multimedia Interface input, connect a compatible cable, and the device will automatically switch to HD Multimedia Interface mode.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Dpofirs CCTV Tester Monitor, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Store the device in its carrying pouch when not in use to protect it from dust and physical damage.
- Avoid exposing the device to direct sunlight or extreme temperatures.
- Regularly check cables and connectors for wear and tear. Replace damaged accessories promptly.
- Charge the battery regularly, even if the device is not in frequent use, to maintain battery health.

8. TROUBLESHOOTING

If you encounter issues with your Dpofirs CCTV Tester Monitor, refer to the following common problems and solutions:

- **No Power:** Ensure the battery is charged. Connect the power adapter and try turning on the device. If the issue persists, contact support.
- **No Video Signal:** Verify that the camera is powered on and functioning correctly. Check all cable connections for proper seating. Ensure the correct input mode is selected on the tester.
- **Incorrect Video Display:** Adjust brightness, contrast, and color settings in the menu. Confirm the camera's output resolution is supported by the tester.
- **PTZ Control Not Working:** Check the RS485 cable connection. Ensure the camera's PTZ protocol (e.g., Pelco D/P) is correctly selected in the tester's settings.
- **UTP Cable Test Failure:** Ensure both ends of the UTP cable are securely connected to the tester and the adapter. Check the cable for visible damage.

For issues not covered here, please contact Dpofirs customer support.

9. SPECIFICATIONS

Feature	Specification
Display	5.0 inch 800 (RGB) x 480 wide angle display
Video Input Support	8MP AHD, TVI, CVI, VGA, HD Multimedia Interface, IP
VGA Resolution Support	1024 x 768, 1280 x 1024
HD Multimedia Interface Resolution Support	480i/P, 576i/P, 720i/P, 1080i/P
TVI Camera Testing	720p/1080p (25/30/50/60fps), 5MP, 8MP
PTZ Control	RS485, supports Pelco D/P protocols
Power Output	DC12V 1A
Battery	2600mAh (built-in)
Cable Test	UTP Cable Test
Item Model Number	Dpofirs9bn72gzui1
Package Dimensions	8.7 x 6.89 x 3.58 inches
Item Weight	1.76 Pounds

10. WARRANTY AND SUPPORT

Dpofirs products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase or visit the official Dpofirs website.

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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