DARKBEAM A300-365 & A300-395

DARKBEAM UV Flashlight A300-365 & A300-395 Instruction Manual

Brand: DARKBEAM | Models: A300-365 & A300-395

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your DARKBEAM A300 series UV flashlights. This package includes two distinct UV flashlights: one operating at 365nm wavelength and another at 395nm wavelength. Each flashlight is designed for specific detection purposes, offering versatility for various applications.

This image displays the complete package, including two DARKBEAM UV flashlights, their individual boxes, and two USB charging cables.

PRODUCT OVERVIEW

The DARKBEAM A300 series offers two types of UV flashlights, each optimized for different detection needs:

- **365nm UV Flashlight:** This flashlight emits a real dedicated detection spectrum with minimal visible light leakage. It appears less bright to the human eye compared to the 395nm model but is superior for demanding detection tasks such as identifying fluorescent reactive materials, security codes, banknotes, and for rock hounding.
- **395nm UV Flashlight:** This model provides a brighter, more visible violet light. It is suitable for general detection purposes including pet urine and stain detection, AC leak detection with dye, UV resin curing, currency and jewelry identification, making uranium glass glow, and finding hidden cracks or glue in repairs.

Both flashlights feature a durable aluminum alloy casing, a zoomable lens for adjustable light range, and a single-mode operation for ease of use. They are also IPX4 waterproof, making them suitable for various environments.

WHAT'S INCLUDED

Your DARKBEAM UV Flashlight package contains the following items:

- 1x DARKBEAM A300 UV 365nm Flashlight (includes battery & clip)
- 1x DARKBEAM A300 UV 395nm Flashlight (includes battery & clip)
- 2x USB Charging Cables

SPECIFICATIONS

Feature	Description
Brand	DARKBEAM
Models	A300-365 & A300-395
Special Features	Cat Ringworm/Pee Detector, Gem and Mineral Identification, High Power, Mini, with Pocket Clip, Pet Dog Urine Detection, USB Rechargeable & Zoomable
Color	UV365 & UV395
Power Source	Battery Powered (2 Lithium Ion batteries included)
Light Source Type	UV LED
Material	Aluminum Alloy
Product Dimensions	1"D x 0.95"W x 4.83"H
Item Weight	3.6 ounces (102 Grams)
Voltage	5 Volts
Wattage	10 Watts
Brightness	200 Lumens
Battery Runtime	Up to 8 hours
Charging Time	Approximately 3 hours (with 5V 2A charger)
Water Resistance Level	IPX4 Waterproof

SETUP

1. Initial Charging

Before first use, fully charge your flashlight. The flashlights come with pre-installed rechargeable Lithium Ion batteries.

1. Locate the USB charging port on the side of the flashlight, usually covered by a red rubber flap.
2. Gently lift the rubber flap to expose the USB port.
3. Connect the provided USB charging cable to the flashlight's port and to a 5V 2A (or lower) USB power source (e.g., wall adapter, computer, power bank).
4. The power indicator button will glow **red** while charging. Once fully charged (approximately 3 hours), the indicator will turn **green**.
5. After charging, securely close the rubber flap to maintain the IPX4 waterproof rating.
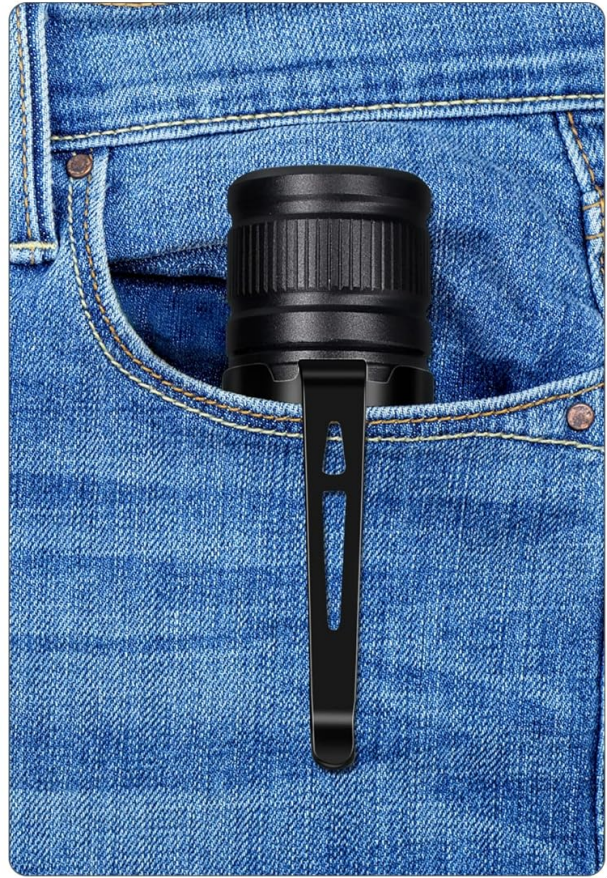

The image illustrates the USB charging process for the flashlight, highlighting the red indicator for charging status and the green indicator for a fully charged battery.

2. Attaching the Clip

Each flashlight includes a detachable clip for convenient carrying. To attach the clip, slide it onto the flashlight body until it securely snaps into place. The clip allows you to attach the flashlight to a pocket, belt, or backpack.

DETACHABLE CLIP

Allowing for a convenient pocket carry without tearing

This image highlights the convenience of the detachable clip, demonstrating how the flashlight can be easily secured to clothing or bags for portability.

OPERATION

1. Power On/Off

To turn the flashlight on, press the power indicator button located on the side of the flashlight. Press the button again to turn it off. There is only one lighting mode for simplicity.

2. Adjusting the Beam (Zoom Function)

The flashlight features a zoomable lens to adjust the focus of the UV beam:

- To narrow the beam for a concentrated spot, gently push the head of the flashlight forward. This is useful for pinpointing small areas or specific details.
- To widen the beam for broader coverage, gently pull the head of the flashlight backward. This is ideal for scanning larger areas.

CAT RINGWORM DETECTION

Pet skin condition detection to protect pet health

This image demonstrates the adjustable focus feature of the flashlight, allowing users to narrow the beam for precise detection or widen it for broader area illumination.

3. Applications

Utilize the appropriate wavelength for your specific detection needs:

- **365nm:** Ideal for authenticating currency, identifying security features on documents, detecting fluorescent agents, and observing fluorescent minerals or uranium glass.
- **395nm:** Effective for locating pet urine stains on carpets and upholstery, detecting scorpions, identifying certain leaks (with fluorescent dyes), and curing UV resin.

A compilation of scenarios where the UV flashlight can be used, such as identifying pet stains, verifying currency, and observing fluorescent minerals.

Video Demonstrations

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A user unboxes the DARKBEAM A300 flashlight, demonstrating its UV light and discussing its uses for checking money and other items.

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This video demonstrates the difference between 365nm and 395nm UV light using the DARKBEAM A300 flashlights on currency and uranium glass.

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A demonstration of the DARKBEAM UV flashlight highlighting fluorescent minerals under UV light.

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This video demonstrates the two different wavelengths of the DARKBEAM UV flashlights, showing their distinct light colors and how they reveal fibers on a shirt.
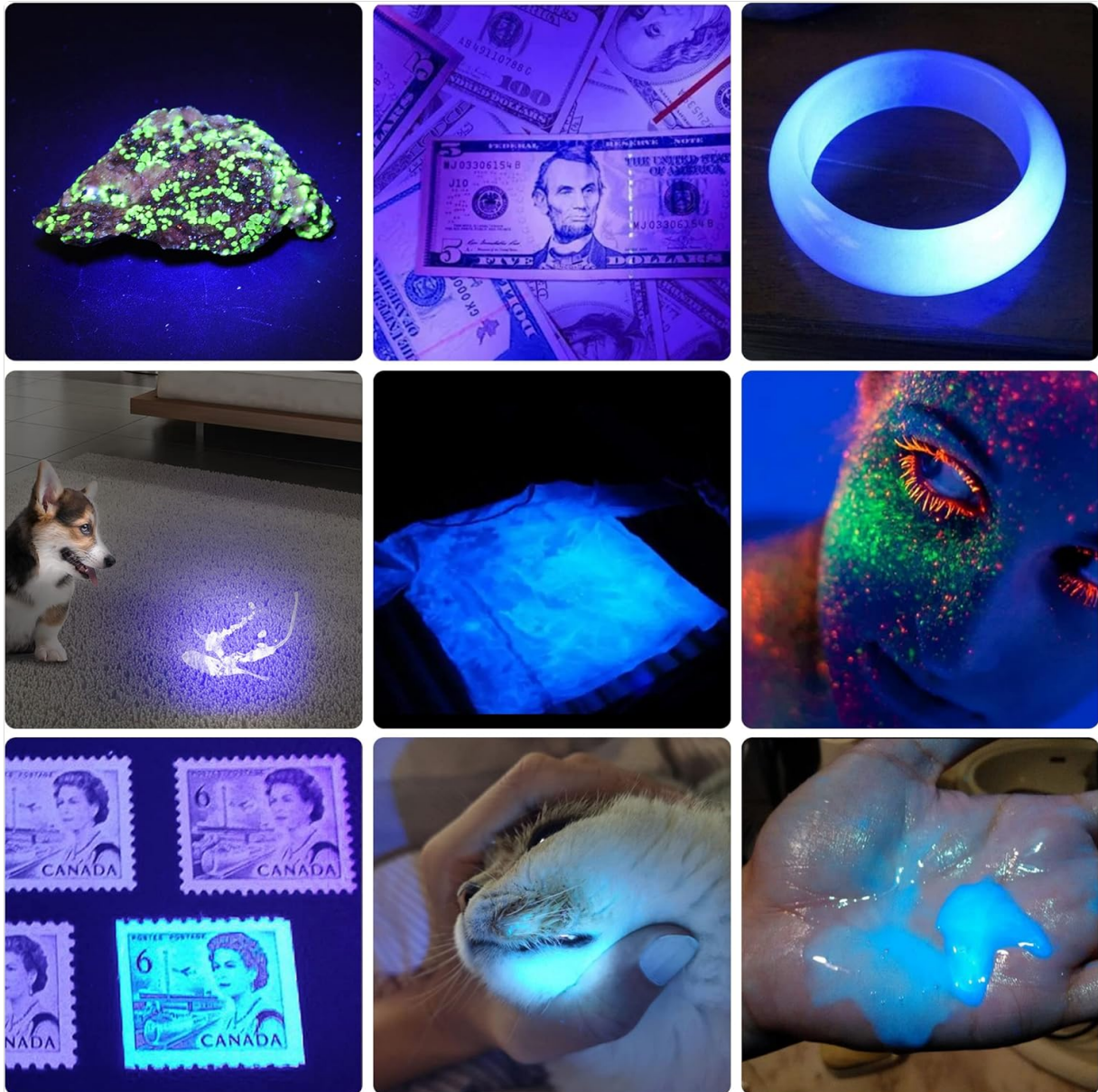
MAINTENANCE

1. Cleaning

Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the lens is clean for optimal light output.

2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Recharge the flashlight when the indicator light turns red. Store the flashlight in a cool, dry place when not in use for extended periods.

3. Water Resistance

The flashlight is IPX4 waterproof, meaning it is resistant to splashing water from any direction. It is not designed for submersion. Ensure the USB charging port cover is securely closed to maintain water resistance.

This image shows the flashlight in a wet environment, indicating its IPX4 water resistance, suitable for use in damp conditions.

Troubleshooting

- **Flashlight does not turn on:** Ensure the battery is charged. Connect the flashlight to a USB power source and check if the red charging indicator appears. If not, check the USB cable and power source.

- **Dim light output:** The battery may be low. Recharge the flashlight. Ensure the lens is clean and free from obstructions.
- **Charging issues:** Verify the USB cable is properly connected to both the flashlight and the power source. Ensure the power source is functioning correctly. If the battery is faulty, it may not charge.
- **Water ingress:** If water enters the flashlight, immediately turn it off and allow it to dry completely before attempting to use or charge it again. Ensure the USB port cover is always sealed when not charging.

SAFETY INFORMATION

- **UV Radiation:** Avoid direct exposure of UV light to eyes and skin. Prolonged exposure can be harmful. It is recommended to wear UV protective eyewear when using the flashlight for extended periods.
- **Children:** Keep out of reach of children. This is not a toy.
- **Heat:** The flashlight may become warm during prolonged use. This is normal.
- **Battery Safety:** Use only the provided charging cables. Do not attempt to disassemble or modify the battery. Dispose of batteries according to local regulations.

WARRANTY AND SUPPORT

DARKBEAM offers a **180-day money-back guarantee** for this product. If you encounter any issues or have questions regarding your UV flashlights, please contact DARKBEAM customer support for assistance.

Related Documents - A300-365 & A300-395

	Darkbeam V5 Flashlight - Model V5 - Safety and Manufacturer Information Official information for the Darkbeam V5 flashlight, including manufacturer details, safety warnings regarding chargers and direct light exposure, and compliance information.
	PeriPage Mini Printer ALD-A300 User Manual and Instructions Comprehensive guide for the PeriPage Mini Printer ALD-A300, covering setup, paper changes, charging, app and computer printing, and printer head cleaning. Includes technical specifications and FCC compliance information.
	A300 Life Camera User Manual and Specifications User manual and product specifications for the A300 Life Camera by Shenzhen Xindaxing Digital Audio & Video Co., Ltd., detailing setup, Wi-Fi connectivity, recording, and technical parameters.

[Dell PowerScale Node Firmware Package 12.4.2 Release Notes](#)
This document provides release notes for Dell PowerScale Node Firmware Package version 12.4.2, detailing supported platforms, firmware versions, resolved and known issues, and upgrade procedures for Dell PowerScale and Isilon storage systems.

[S016-6000 Rechargeable UV & Red & White 3-in-1 Flashlight User Manual](#)
User manual for the S016-6000 rechargeable flashlight, featuring UV, Red, and White LED lights. Includes specifications, operating instructions, charging information, safety precautions, usage scenarios, and maintenance tips.

[TOSHIBA Satellite A300/A300D & Pro A300/A300D User Manual](#)
Comprehensive user guide for TOSHIBA Satellite A300/A300D and Satellite Pro A300/A300D portable personal computers. Covers setup, operation, safety guidelines, hardware features, troubleshooting, and regulatory information.