Brinno TLC300

Brinno TLC300 Time Lapse Camera User Manual

Model: TLC300 | Brand: Brinno

1. INTRODUCTION AND OVERVIEW

This manual provides essential instructions for setting up, operating, and maintaining your Brinno TLC300 Time Lapse Camera. The TLC300 is designed for capturing time-lapse videos in various environments, including construction sites, outdoor projects, and general-purpose applications. It features Full HD 1080P resolution with HDR, a 118° field of view, and an intuitive user interface.

Figure 1: Front and side view of the Brinno TLC300 Time Lapse Camera.

Your browser does not support the video tag.

Video 1: An overview of the Brinno TLC300 Time Lapse Camera's features and capabilities.

2. WHAT'S IN THE BOX

Upon unboxing your Brinno TLC300, please ensure all the following items are present:

- Brinno Time Lapse Camera TLC300
- AA Batteries x 4
- Lens Cover
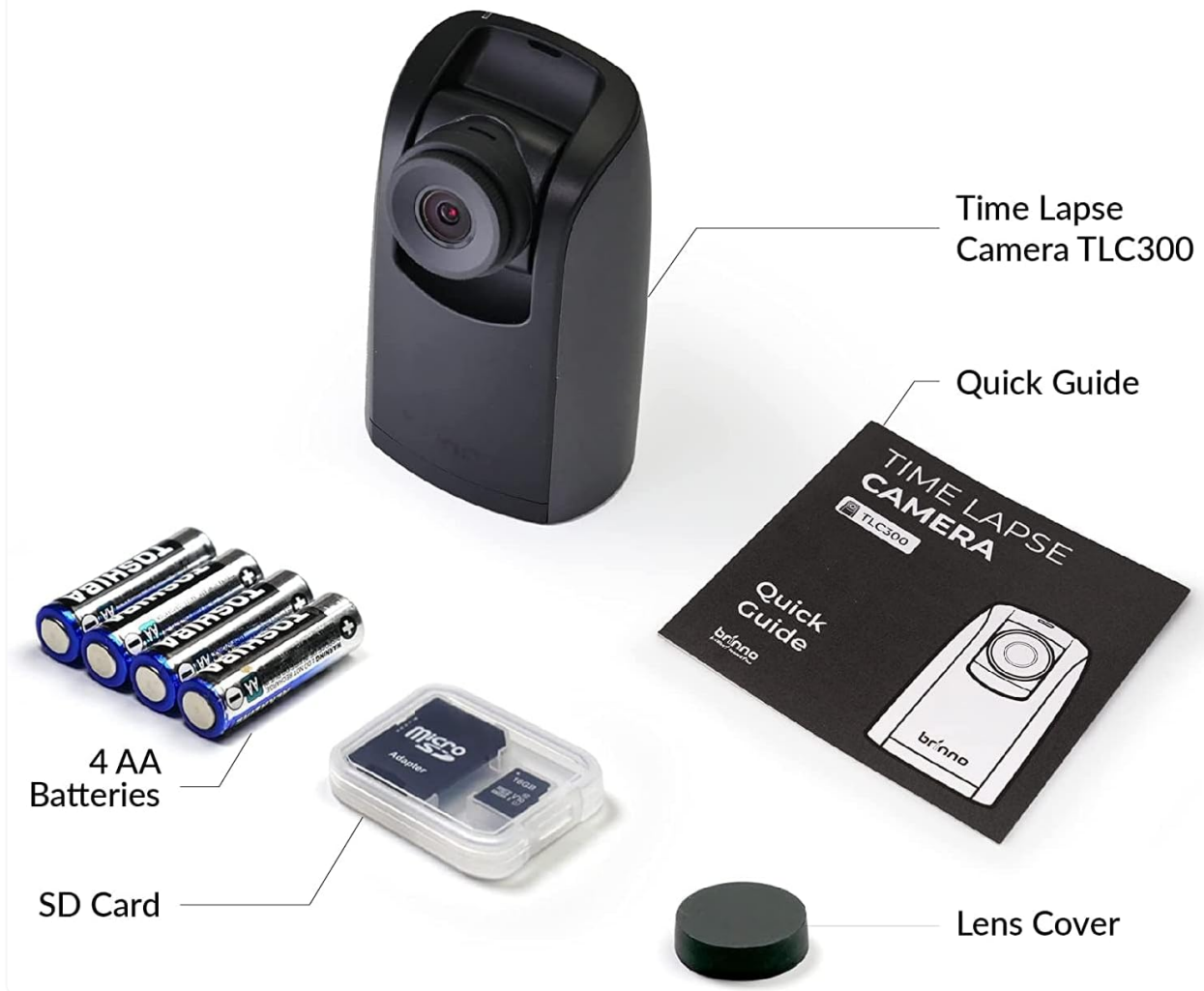- SD Card
- Quick Guide Manual

In The Box

Time Lapse Camera TLC300

Quick Guide

4 AA Batteries

SD Card

Lens Cover

Figure 2: All items included in the Brinno TLC300 package.

3. SETUP

3.1 Battery and SD Card Installation

1. Open the battery compartment cover located at the bottom of the camera.

2. Insert 4 AA batteries, ensuring correct polarity (+/-).

3. Insert the provided Micro SD card into the SD card slot until it clicks into place. The camera supports up to 128GB.

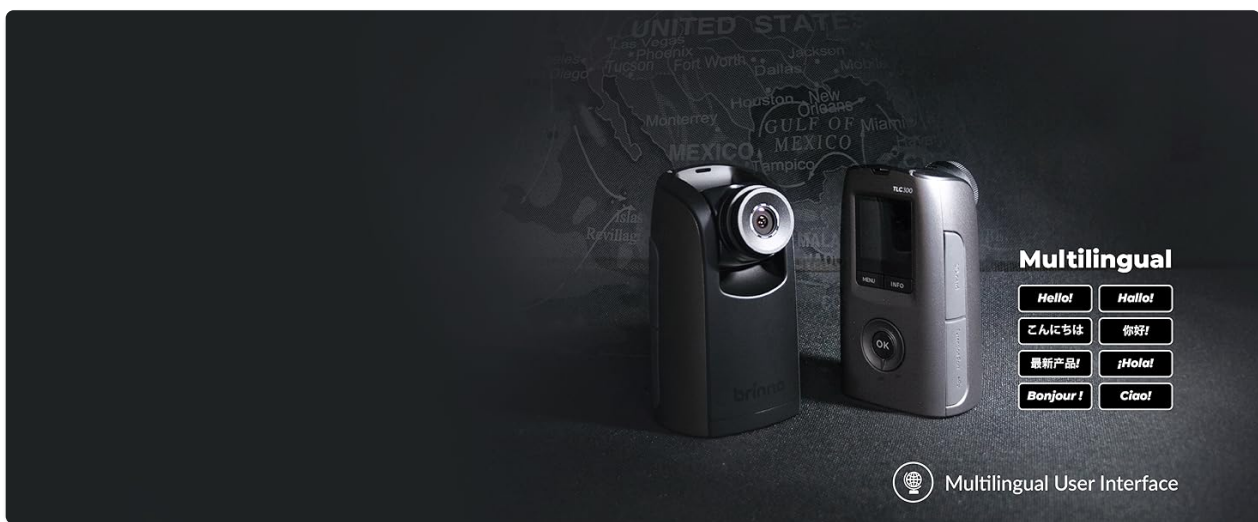4. Close the battery compartment cover securely.

Figure 3: Proper installation of AA batteries into the camera.

3.2 Initial Power-On and Basic Settings

1. Press and hold the Power button to turn on the camera.

2. The 1.44" IPS LCD screen will display the live view.

3. Navigate the menu using the directional buttons and the OK button.

4. Set the current date and time for accurate time-lapse recording.

5. Select your preferred language from the multilingual user interface.

Professional Quality Camera with a User Friendly Menu

Two steps to go live.

LED Indicator

LCD Screen

Menu Button

Info Button

OK Button

Power Button

MENU

Interval   5s
Schedule   On
Img. Setting
Advanced
exit   set   v

Daily Timer Setting

Schedule
08:00-18:00
Mon   Tue   Wed   Thu   Fri   Sat   Sun

Figure 4: The camera's menu for adjusting settings.

4. OPERATING THE CAMERA

4.1 Setting Recording Parameters

The TLC300 offers straightforward operation. You primarily need to set the 'interval' and 'schedule' before starting a recording.

- **Interval:** This defines how often the camera captures an image. Adjust this setting based on the duration of your project and the desired speed of the final time-lapse video.
- **Schedule:** Use the schedule function to specify filming days and times. This ensures the camera only records during active periods, conserving battery life and storage.
- **Resolution:** The camera records in Full HD 1080P. Ensure HDR is enabled for optimal image quality, especially for day-to-night transitions.
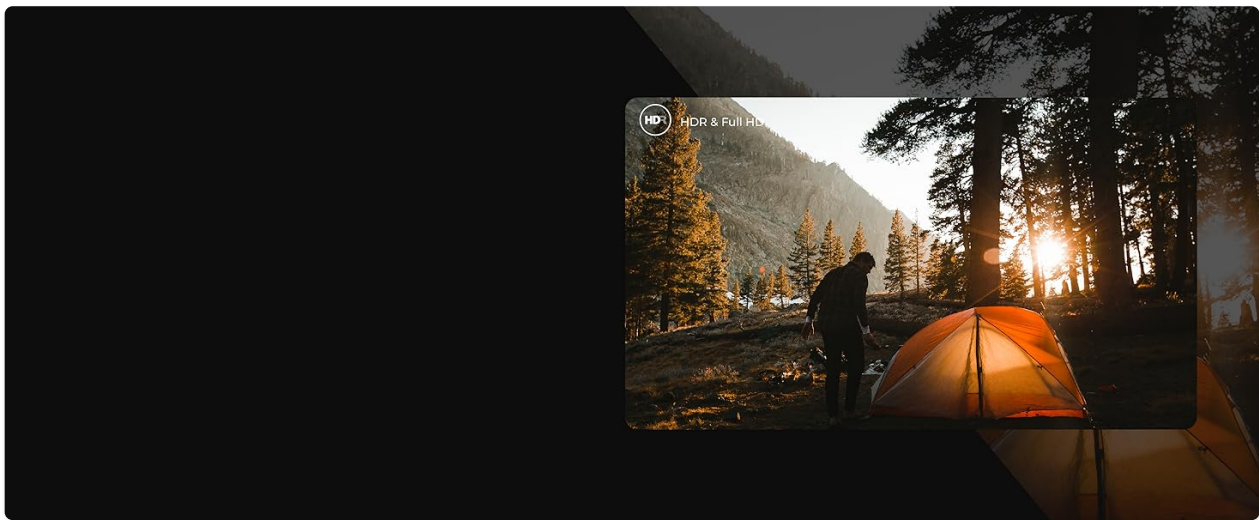
Figure 5: Visual comparison of HDR and Night Mode performance.

4.2 Starting and Stopping Recording

After configuring your settings, press the OK button to begin recording. The camera will automatically start capturing images according to your set interval and schedule. To stop recording, press the Power button again.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body and lens. Avoid abrasive materials or harsh chemicals.
- **Battery Life:** The TLC300 offers up to 100 days of battery life with a 5-minute capture interval using 4 AA batteries. Monitor battery levels regularly, especially for long-term projects.
- **Storage:** Periodically transfer your time-lapse videos from the SD card to a computer or external storage device to free up space and prevent data loss. The camera supports Micro SD cards up to 128GB.
- **Lens Cover:** Always use the provided lens cover when the camera is not in use to protect the lens from dust and scratches.

6. TROUBLESHOOTING

- **Camera not powering on:** Ensure batteries are correctly inserted and fully charged. Try replacing with new batteries.
- **Poor image quality:** Check lens for smudges or dirt. Ensure HDR is enabled for challenging lighting conditions. Verify the lens cover is removed.
- **Recording not starting:** Confirm that the interval and schedule settings are correctly configured. Ensure the SD card has sufficient free space.
- **SD card error:** Reformat the SD card using the camera's menu (this will erase all data). If the issue persists, try a different SD card.

7. SPECIFICATIONS

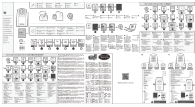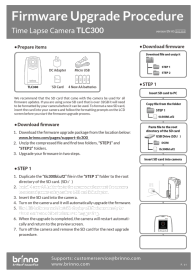| Feature	Specification
Model Number	TLC300

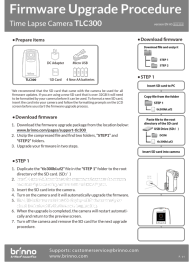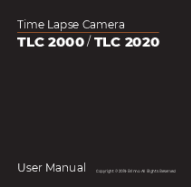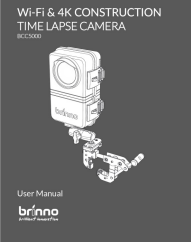|	
Dimensions	2.05 x 2.52 x 4.21 inches
Item Weight	4.9 ounces
Power Source	4 AA batteries
Video Capture Resolution	1080p Full HD
Photo Sensor Technology	CMOS
Maximum Focal Length	15 Millimeters
Maximum Aperture	2 f
Flash Memory Type	Micro SD (up to 128GB)
Video Capture Format	MP4, MOV, AVI
Supported Audio Format	MP3, AAC
Screen Size	1.44 Inches
Connectivity Technology	Bluetooth

8. WARRANTY AND SUPPORT

Brinno products are designed for durability and performance. For any technical assistance, warranty claims, or product inquiries, please refer to the contact information provided in your Quick Guide Manual or visit the official Brinno support website. Keep your purchase receipt as proof of purchase for warranty services.

Related Documents - TLC300

[Brinno TLC200 Pro Quick Guide: Time Lapse Camera Settings and Operation](#)
A concise, SEO-optimized HTML guide for the Brinno TLC200 Pro HDR Time Lapse Camera. Learn about setup, menu options, and settings for creating time-lapse videos.

[Brinno TLC300 Firmware Upgrade Procedure](#)
A step-by-step guide for upgrading the firmware on the Brinno Time Lapse Camera TLC300, including preparation, downloading firmware, and the two-step upgrade process.

[Brinno TLC300 Time Lapse Camera Firmware Upgrade Procedure](#)

A step-by-step guide for upgrading the firmware on the Brinno TLC300 Time Lapse Camera, including preparing items, downloading firmware, and the two-step upgrade process.

[Brinno TLC200 Pro HDR Time Lapse Camera User Manual](#)

Comprehensive user manual for the Brinno TLC200 Pro HDR Time Lapse Video camera, covering setup, features, settings, and specifications.

[Brinno TLC 2000/TLC 2020 Time Lapse Camera User Manual](#)

Explore the Brinno TLC 2000 and TLC 2020 time lapse cameras with this comprehensive user manual. Learn setup, operation, capture modes, firmware updates, and access support resources for your time lapse photography needs.

[Brinno BCC5000 Wi-Fi & 4K Construction Time Lapse Camera User Manual](#)

User manual for the Brinno BCC5000 Wi-Fi & 4K Construction Time Lapse Camera, detailing setup, operation via Bluetooth and Wi-Fi, scheduling, and registration.