

[Manuals.plus](#) /

> [Brinno](#) /

> Brinno BCC2000 Plus Construction Camera Bundle: TLC2000 Time Lapse Camera User Manual

Brinno BCC2000Plus

Brinno BCC2000 Plus Construction Camera Bundle User Manual

Model: BCC2000Plus

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Brinno BCC2000 Plus Construction Camera Bundle. This bundle is designed for long-term time lapse video recording in construction and outdoor environments.



Image 1.1: Brinno BCC2000 Plus Construction Camera Bundle in a construction setting.

Key Features:

- **Full HD (1080P) Time Lapse:** Create professional time lapse videos without post-editing. Ensure the latest firmware is installed for optimal performance.
- **32-ft Extender Cable:** Enables laptop access for live preview, settings adjustment, and monitoring battery/SD card status from ground level (Windows 64-bit OS only).
- **Faster Data Transfer:** Simultaneously record and download files to your laptop using the Extender Kit.
- **Extended Battery Life:** Up to 1 year of operation on a single set of batteries (5-minute interval), ideal for multi-month

projects.

- **All-in-One Bundle:** Includes the TLC2000 time lapse camera, command and control platform access, 32-ft camera extender, IPX5 waterproof housing, and a stainless steel mounting clamp.

2. WHAT'S IN THE BOX

Verify that all components listed below are included in your package:



Image 2.1: All components included in the Brinno BCC2000 Plus bundle.

- Brinno TLC2000 Time Lapse Camera
- Waterproof Power Housing (IPX5)
- Industrial-grade Clamp Mount
- 32-ft Extender Cable
- Battery Housing (for 16 AA batteries)
- Small Adapter (for cable connection)
- User Manual (this document)

3. SETUP

3.1 Battery Installation

The camera requires 2 AA batteries for operation, and the included battery housing supports up to 16 AA batteries for extended power. Ensure batteries are inserted with correct polarity.



Image 3.1: Brinno camera and battery housing showing battery compartments for 2 and 16 AA batteries respectively.

3.2 SD Card Insertion

Insert a compatible SD card (Class 10 recommended) into the camera's SD card slot. Ensure the card is formatted before first use. Refer to the camera's on-screen menu for formatting options.

3.3 Mounting the Camera

Use the industrial-grade clamp mount to securely attach the camera (within its waterproof housing) to a desired location. The clamp is versatile and can be adjusted for flat surfaces (0.04-3.5 inches) or tubes (0.4-3.5 inches).

Customizable Stainless Steel Clamp



Flat surface: 0.04- 3.5 in



Tube: 0.4- 3.5 in

Image 3.2: The industrial-grade clamp mount demonstrating its versatility on flat and tubular surfaces.



Image 3.3: Brinno camera in its waterproof housing securely mounted on a pole.

3.4 Connecting the Extender Cable

Connect the 32-ft extender cable to the camera and then to your Windows 64-bit OS laptop for remote access and control.

Give yourself a 32ft(10m) Boost



- 32ft(10m) USB Cable
- Laptop/Tablet Control

Image 3.4: Brinno camera in its housing connected to a laptop via the 32-ft extender cable, enabling ground-level control.

3.5 Firmware Update

It is highly recommended to update the camera's firmware to the latest version upon receipt to ensure maximum performance and resolve potential issues. Visit the official Brinno website for the latest firmware and detailed update instructions.

4. OPERATING INSTRUCTIONS

4.1 Basic Camera Operation

1. **Power On/Off:** Press and hold the power button on the camera.
2. **Setting Recording Modes:** Navigate through the camera's on-screen menu to select 'Time Lapse' mode.
3. **Setting Intervals:** Adjust the time interval between captured frames (e.g., 5 minutes for extended battery life).
4. **Start/Stop Recording:** Follow the on-screen prompts to initiate or cease time lapse recording. Pay attention to audible cues (beeps) to confirm recording status.

4.2 Using the Brinno Command Center

The Brinno Command Center software (for Windows 64-bit OS laptops) provides comprehensive control over your camera. Connect your camera to your laptop using the 32-ft extender cable to access its features.

Easy to Use Brinno Command Center

(Windows 64-bit OS, Laptop/Tablet)

- Live View
- Settings
- Download Files
- Check Status

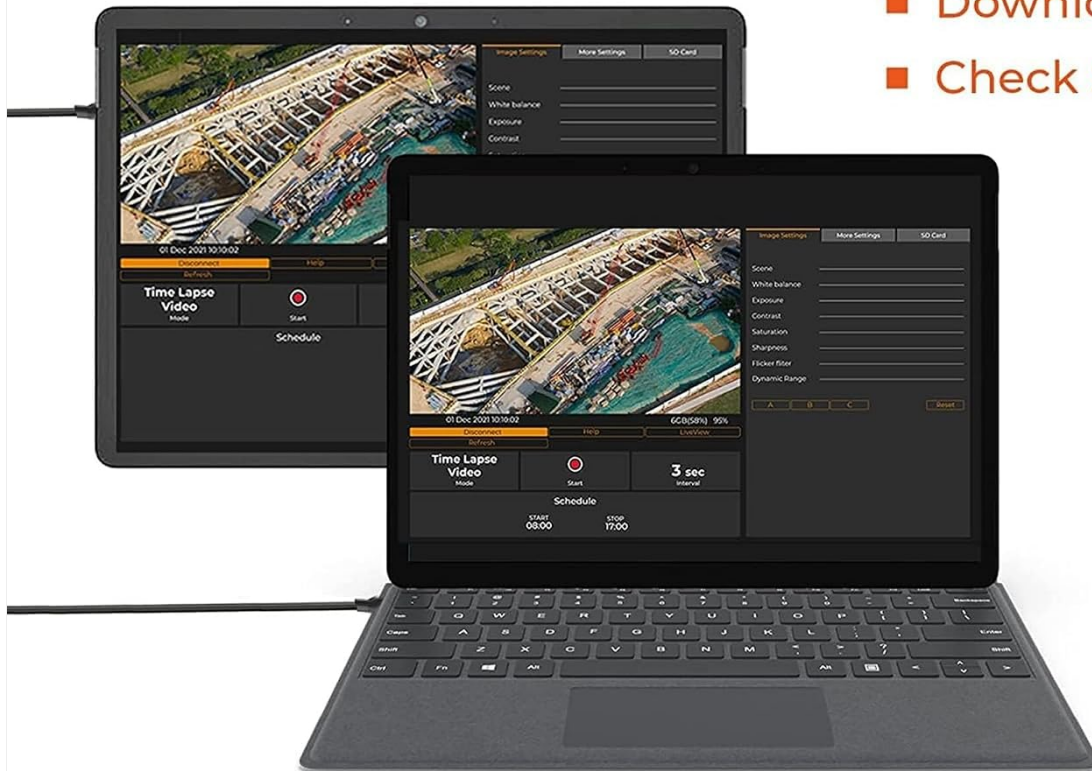


Image 4.1: The Brinno Command Center interface on a laptop, showing live view and settings.

- **Live View:** Preview the camera's frame in real-time to ensure optimal positioning.
- **Adjust Settings:** Modify camera settings such as exposure, white balance, and recording intervals.
- **Download Files:** Transfer recorded time lapse videos directly to your laptop.
- **Check Status:** Monitor battery life, SD card memory, and current recording status.

Your browser does not support the video tag.

Video 4.1: An instructional video demonstrating how to use the Brinno Command Center software for camera control and file management.

Ground-level Access



Image 4.2: A user downloading files from the Brinno camera to a laptop, illustrating ground-level access.

Your browser does not support the video tag.

Video 4.2: An overview video showcasing the features and components of the Brinno BCC2000 Plus Construction Camera Bundle.

5. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and the waterproof housing with a soft, dry cloth. Avoid abrasive materials or harsh chemicals.
- **Battery Management:** Monitor battery levels regularly, especially for long-term projects. Replace batteries as needed. Consider using rechargeable AA batteries for environmental and cost efficiency.
- **SD Card Care:** Periodically back up your data and format the SD card to maintain optimal performance and prevent data corruption. Use high-quality, recommended SD cards.
- **Waterproof Housing:** Ensure the waterproof housing seals are clean and free of debris before closing to maintain its IPX5 rating. Check for any signs of wear or damage to the seals.



Image 5.1: The Brinno camera in its IPX5 waterproof housing, designed for all-weather filming.

6. TROUBLESHOOTING

Common Issues and Solutions:

- **Camera Not Powering On:**
 - Check battery installation and ensure batteries are charged or new.
 - Verify the battery housing connection is secure.
- **Corrupt Files:**
 - Ensure you are using a high-quality SD card (Class 10 or higher).
 - Format the SD card regularly using the camera's menu or the Brinno Command Center.
 - Perform a firmware update if not already done.
- **Camera Forgets Settings:**
 - This can occur if power is completely lost. Ensure a stable power supply, especially during long deployments.

- Consider using an external power bank that does not shut down during standby if using a custom power solution.

- **Connectivity Issues with Laptop:**

- Ensure your laptop is running a 64-bit Windows OS.
- Verify the 32-ft extender cable is securely connected at both ends.
- Restart both the camera and the laptop.

- **Poor Video Quality:**

- Clean the camera lens and the waterproof housing window.
- Check camera settings (exposure, white balance) via the Brinno Command Center.
- Ensure the camera is stable and not subject to excessive vibration during recording.

If issues persist, please contact Brinno customer support for further assistance.

7. SPECIFICATIONS

Below are the key technical specifications for the Brinno BCC2000 Plus Construction Camera Bundle:

Guide to Brinno Product Specifications

Compare key features and technical specifications across Brinno product lines to quickly find the best fit









Specification	BCC300 Entry	BCC2000 Standard Kit	BCC2000 Plus Advanced	BCC5000 Pro Flagship
 Camera Model	TLC300	TLC2000	TLC2000	TLC5000
 Max Resolution	1080P Full HD	1080P HDR	1080P HDR	4K UHD (Sony STARVIS 2)
 Remote Control	Local only	None	32-ft USB (Ladder-free)	Wi-Fi Cloud + Bluetooth
 Base Power	4 AA Batteries	Up to 16 AA Batteries / Rechargeable Lithium Battery	Up to 16 AA Batteries / Rechargeable Lithium Battery	Lithium Pack (MRB1000)
 Solar Support	No	Yes (ASP1000-P)	Yes (ASP1000-P)	Yes (ASP1000)
 Weatherproof	IPX4 (ATH120)	IPX5 (ATH2000)	IPX5 (ATH2000)	IP65 (ATH5000)
 Remote Record & Download	No	No	Yes (USB cable)	Yes (Cloud platform)
 Battery Life	Up to 100 days at 5-min interval	Up to 1 year with batteries	Up to 1 year with batteries or near-infinite runtime with solar power under good conditions	Up to 6 months with all battery slots used, or near-infinite runtime with solar power under good conditions

Image 7.1: Guide to Brinno Product Specifications, including the BCC2000 Plus.

Specification	Detail
Brand	Brinno
Model Number	BCC2000Plus
Model Name	BCC2000
Video Capture Resolution	1080p Full HD
Photo Sensor Technology	CMOS or BSI CMOS
Maximum Focal Length	2.8 Millimeters
Maximum Aperture	2 Millimeters
Flash Memory Type	SD (C10, Video Speed Class 10)
Video Capture Format	MPEG 4
Screen Size	2 Inches
Connectivity Technology	Wireless (Bluetooth)
Features	Waterproof
Water Resistance Level	IPX5 Waterproof
Battery Average Life	Up to 12 months (at 5-min interval)
Operating System Compatibility	Windows (64-bit)
Item Weight	1750 Grams
Number of Batteries Required	2 AA batteries (for camera), up to 16 AA for extended housing

8. WARRANTY AND SUPPORT

Brinno products are designed for durability and performance. For warranty information and customer support, please refer to the official Brinno website or contact their customer service department.

It is recommended to register your product upon purchase to facilitate any future support needs.

Online Resources:

- Visit the [Brinno Official Website](#) for product updates, FAQs, and support.
- Check the [Brinno Store on Amazon](#) for additional products and accessories.