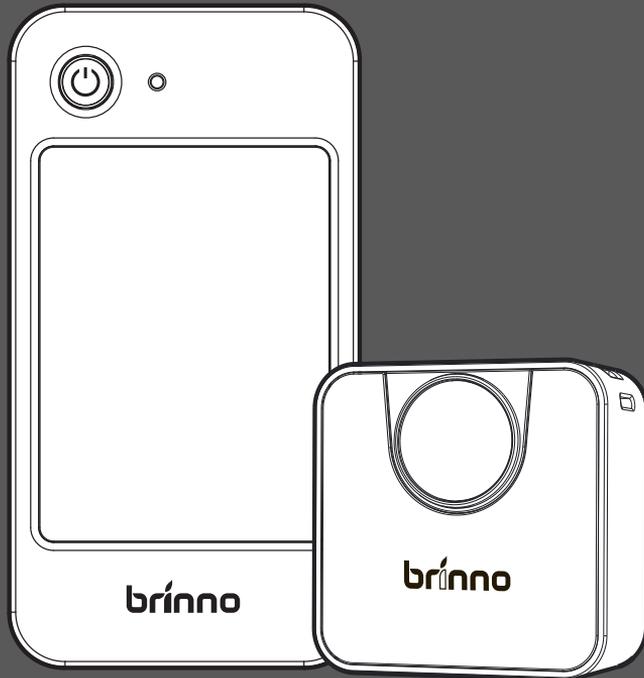


TIME LAPSE CAMERA Controller Bundle

BCC200-BLE

User Manual

brinno
brilliant innovation



Register Online and get

**EXTRA MONTHS
WARRANTY**



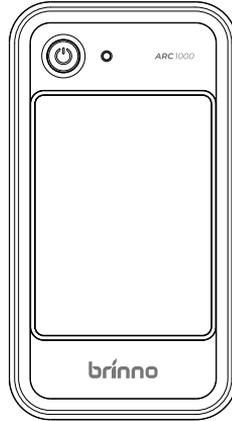
brinno.com/pages/register

Before You Start

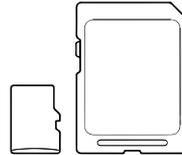
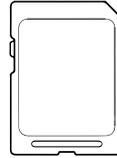
In the Box



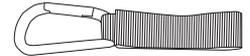
Time Lapse Camera
TLC200Pro-BLE



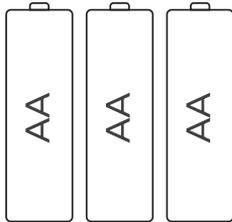
BLE Controller
ARC1000



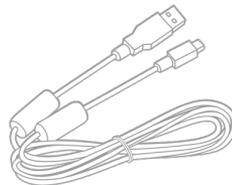
SD Card/ Micro SD Card
with SD card adapter



Hand Rope & Hook



3 AA Batteries



Micro USB Cable

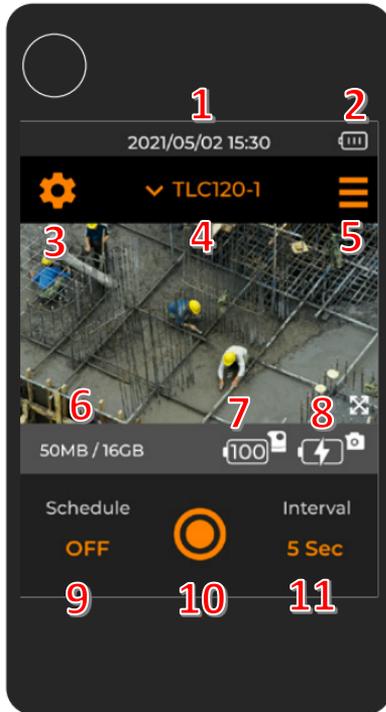


Camera BLE SSID Sticker



Quick Guide

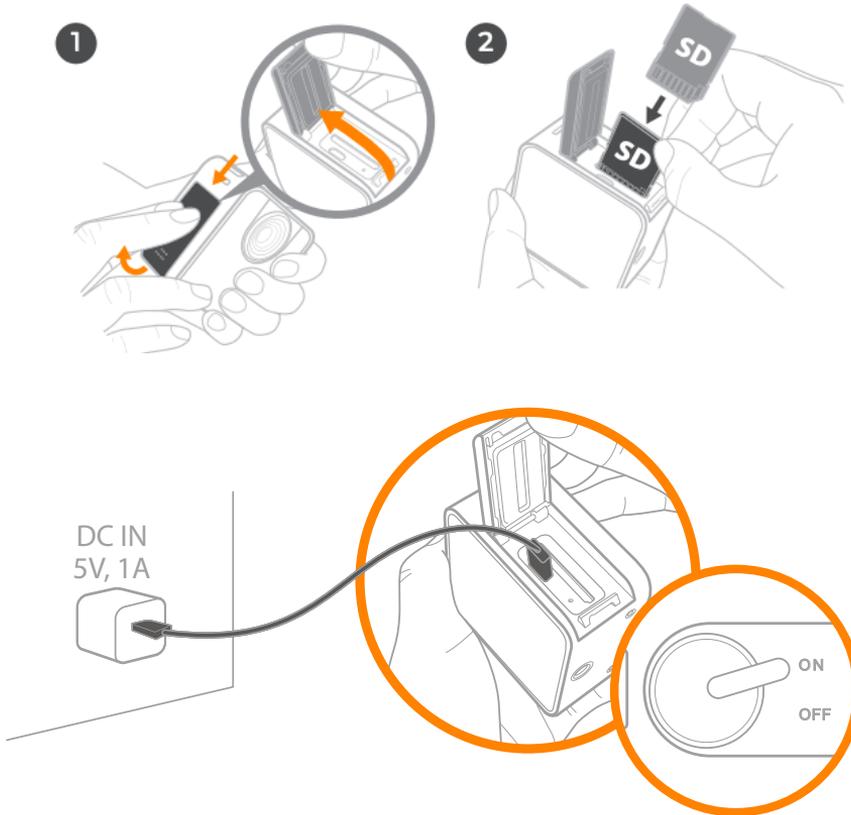
Display Icons



1. BLE controller date & time
2. BLE controller battery level
3. Camera setting
 - 3.1. Time Interval
 - 3.2. Schedule
 - 3.3. Image Setting
 - 3.4. Save / Load Camera Setting
 - 3.5. Advanced Setting
4. Camera SSID/Switch camera
5. BLE controller setting
 - 5.1. Screen Lock
 - 5.2. System Time
 - 5.3. Language
 - 5.4. Controller Info
6. Camera storage capacity
7. External power level
8. Camera battery level
9. Schedule setting
10. Shutter button
11. Capture interval setting

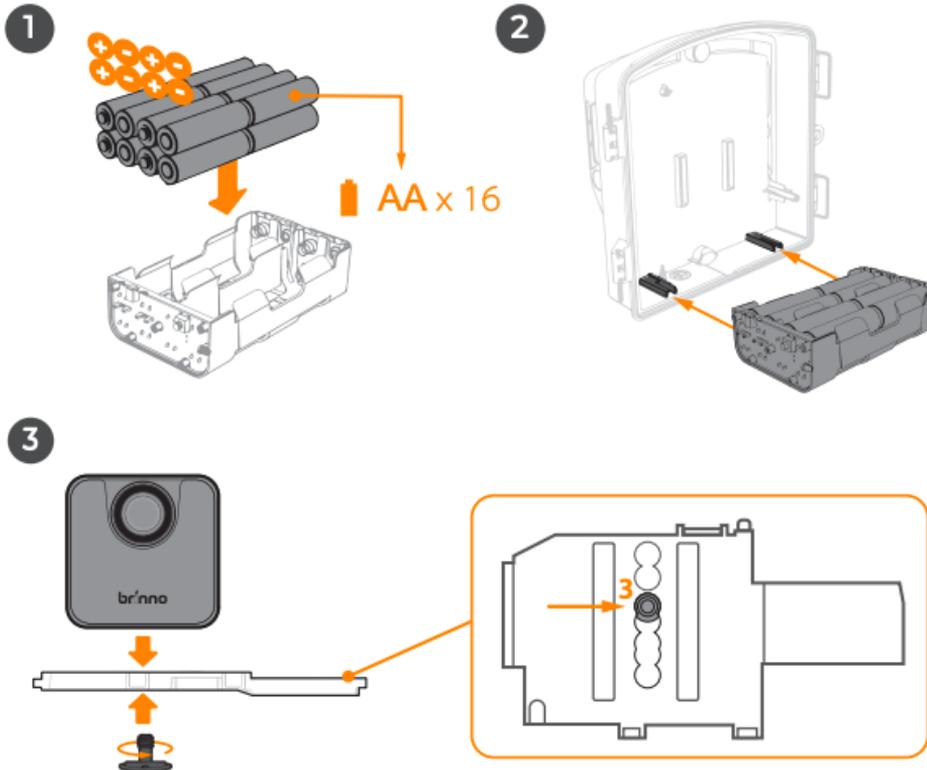
Initial Operation

Insert SD Card & Charging



1. Open SD slot cover
2. Insert SD card (make sure the Micro SD card is inside SD card adapter)
3. Plug camera into outlet to charge battery (thru a microUSB cable)
4. Turn on camera power before charge (at least 6 hr)

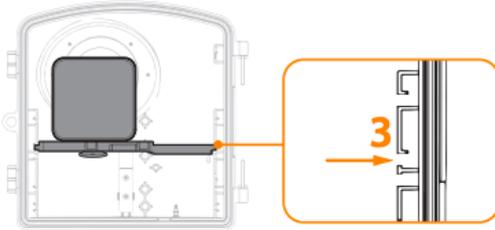
Optional- Install with Waterproof Power Housing (ATH2000)



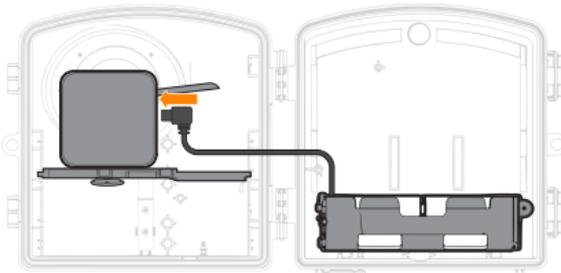
1. Install 16 new AA batteries into battery slot

2. Insert battery slot into the housing (ATH2000)
3. Place TLC200Pro-BLE in #3 mount position on the camera adapter

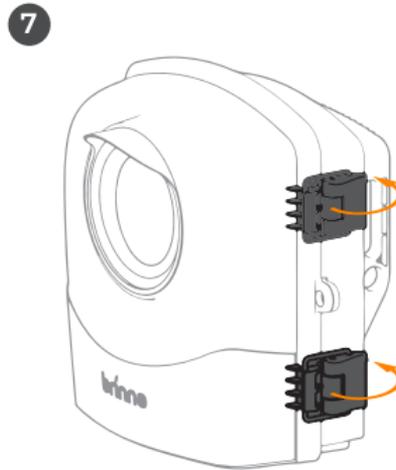
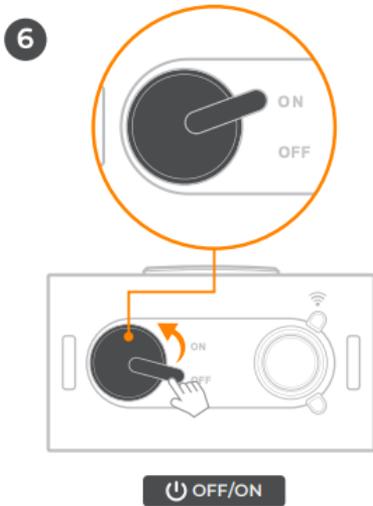
4



5



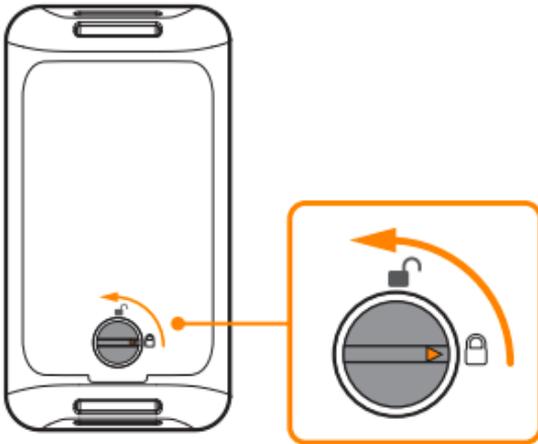
4. Install camera with the adapter in #3 mount position in the housing (ATH2000)
5. Connect the battery slot to the camera



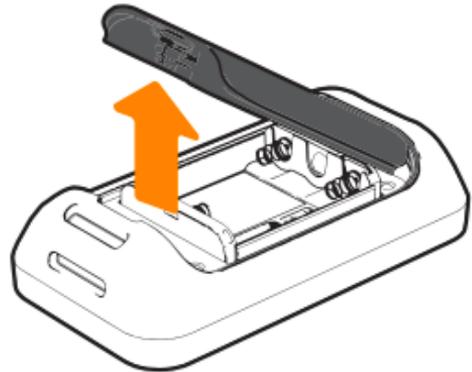
6. Turn on camera power
7. Close the housing (ATH2000), secure the lock latch

BLE Controller Initial Setup

1

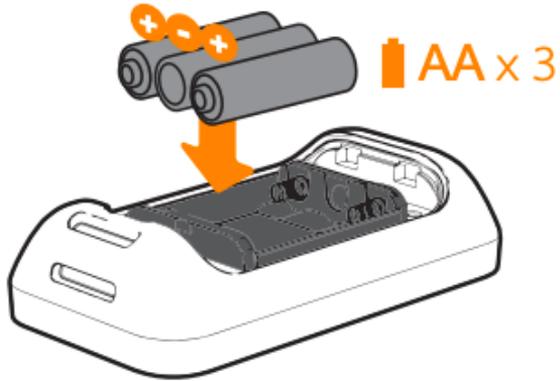


2



1. Unlock battery cover
2. Remove battery cover

3



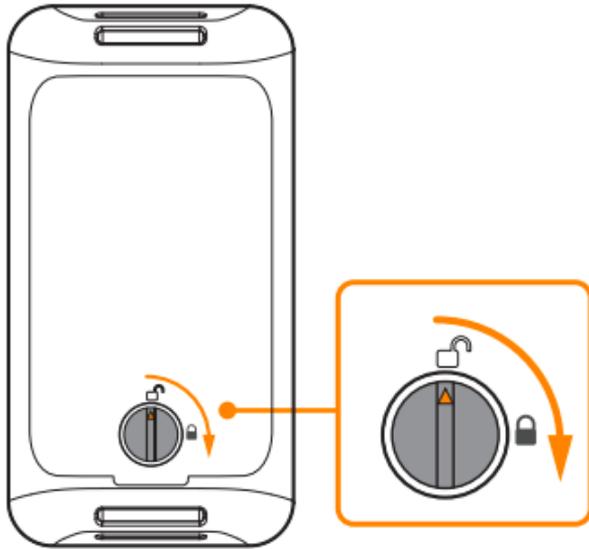
3. Install 3 AA batteries

4. Close the cover

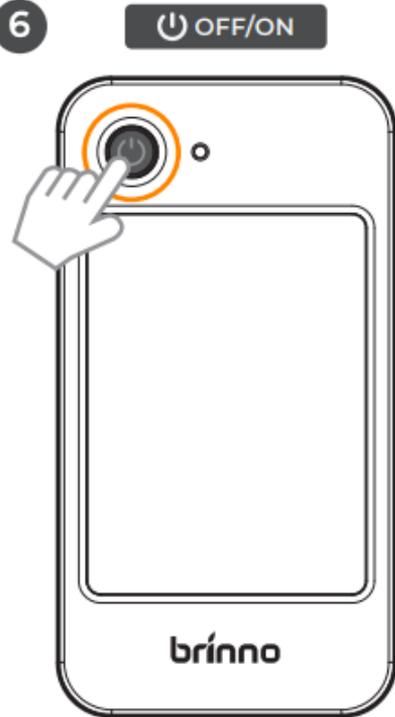
4



5

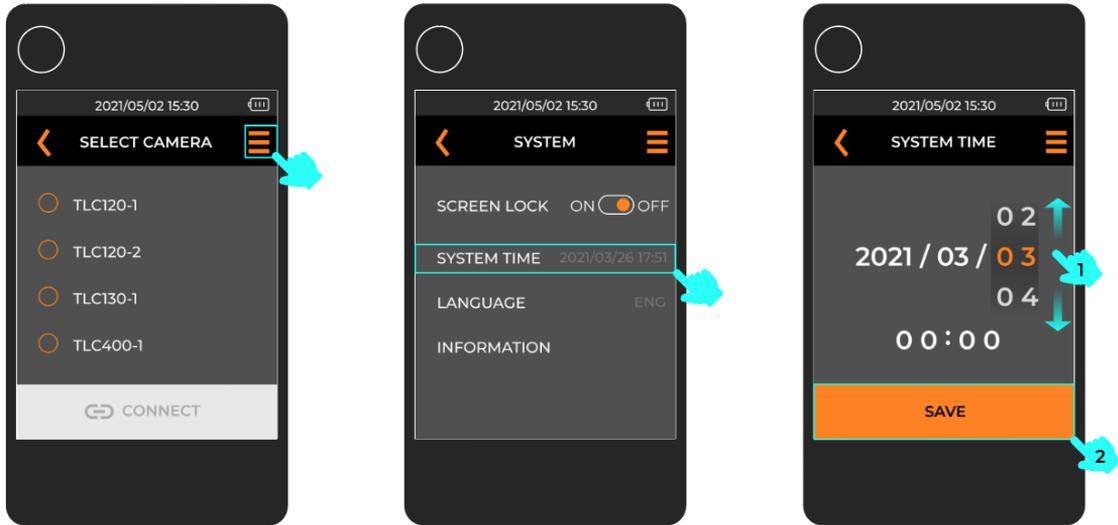


6



5. Lock the battery cover
6. Hold the power button for 3 secs to turn on the power

Set System Date & Time



1. Tap **"BLE Controller Setting"** icon
2. Tap **"SYSTEM TIME"** button
3. Change date & time values, and tap **"SAVE"** to confirm

BLE Controller Manual



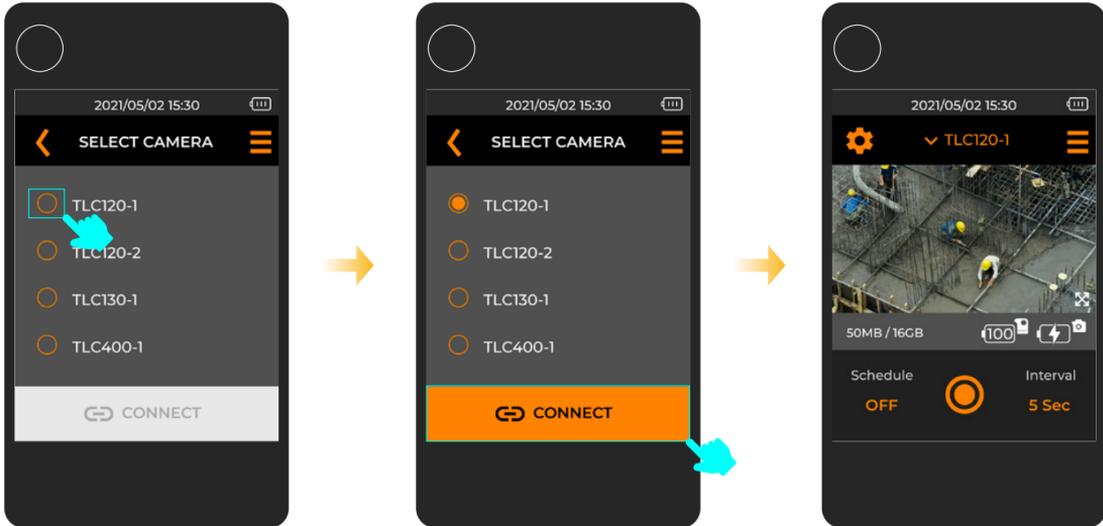
Before using BLE controller, make sure your camera (TLC200Pro-BLE) is power on!

Power on/off



1. Power On/Off: hold for 3 secs
2. Sleep mode: press 1 sec to wake up device

Connect Camera



1. Select one of your cameras*
2. Tap **“CONNECT”** button
3. Connected, display live view image

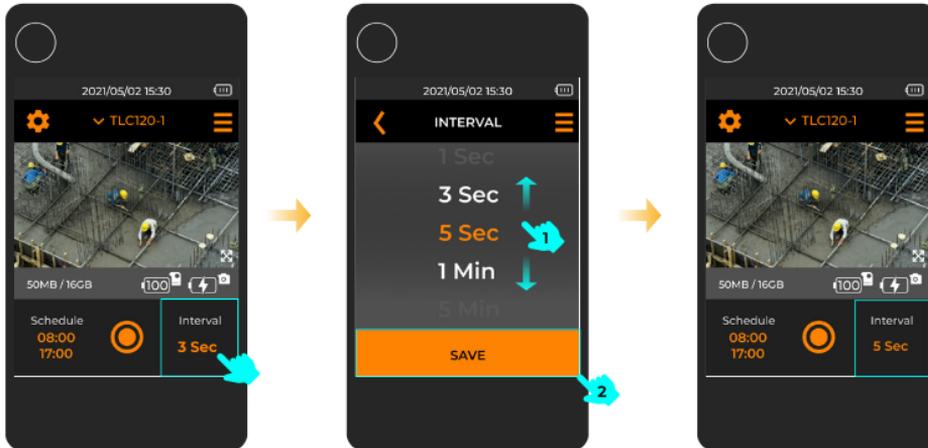
Note: How to find the correct camera ID?

You can find your camera BLE SSID on the sticker included in the package

TLC120RD-XXXXXXX

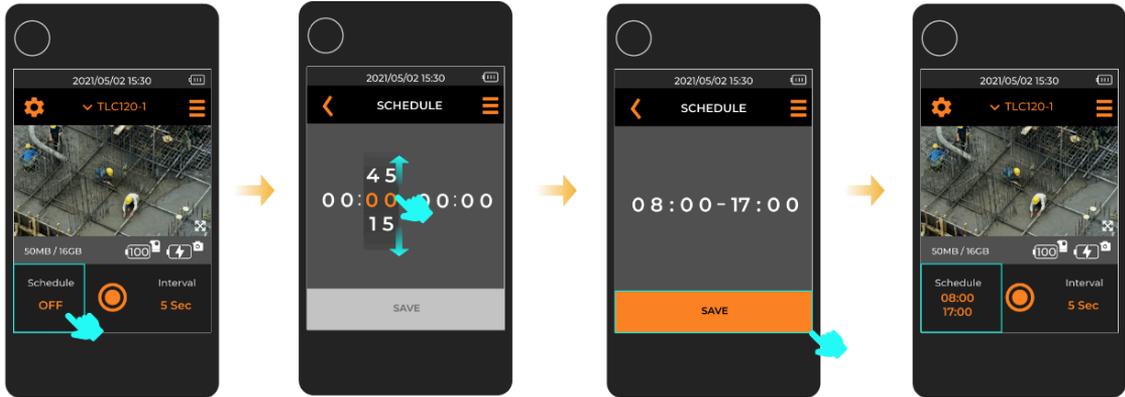


Set Capture Interval



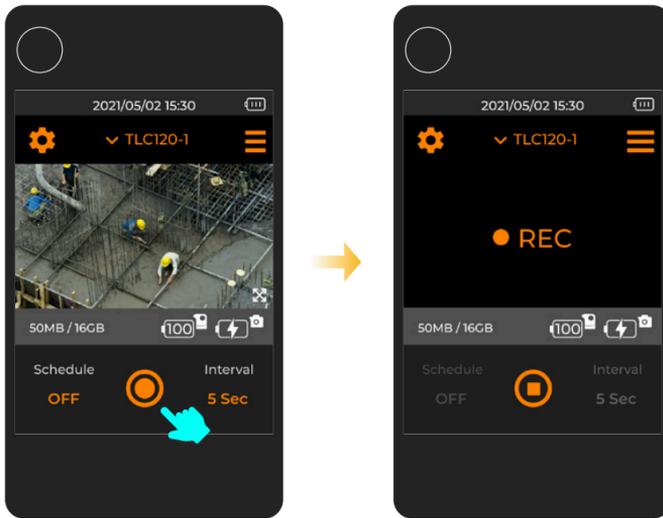
1. Tap **“INTERVAL”** to enter interval settings
2. Select desired interval, tap **“SAVE”** to confirm

Set Schedule



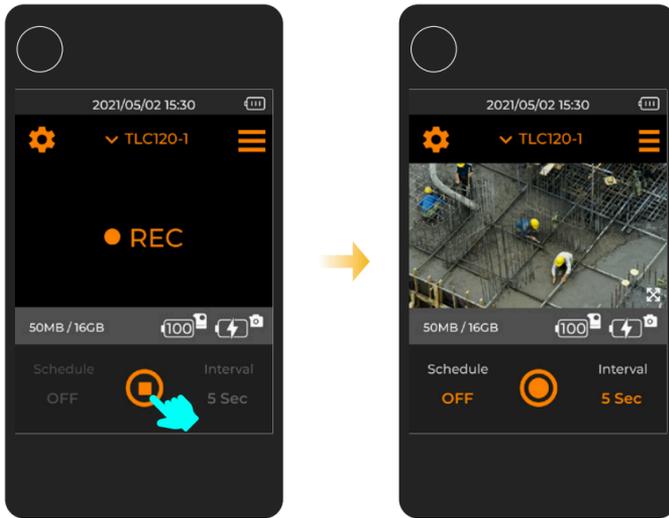
1. Tap **“SCHEDULE”** to enter schedule settings
2. Select desired START & STOP time and tap **“SAVE”** to confirm

Start Recording



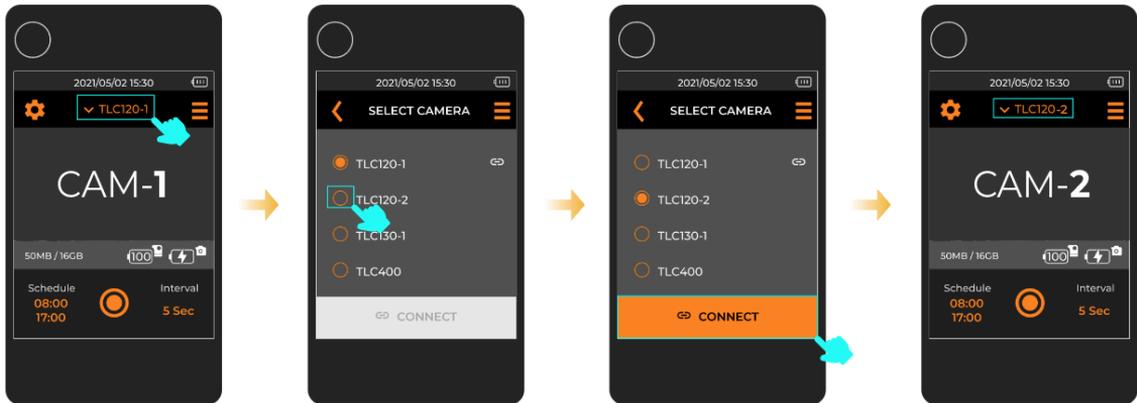
1. Tap “SHUTTER” button to start recording
2. Display REC icon

Stop Recording



1. At REC status
2. Tap “SHUTTER” button to stop recording

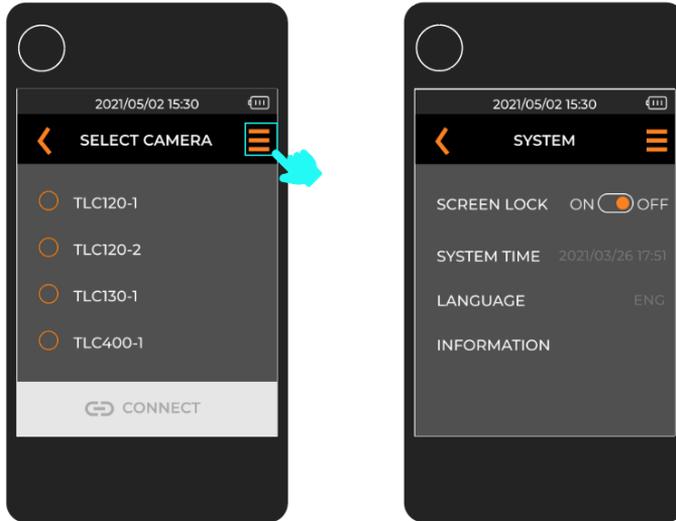
Switch Camera



If you have more than one BLE time lapse camera (TLC200Pro-BLE), you can use a single BLE controller (ARC1000) to connect to each of your cameras one by one:

1. At preview screen, tap “Camera SSID” to display available camera list
2. Select another camera SSID
3. Tap “CONNECT” to confirm
4. Connect to another camera

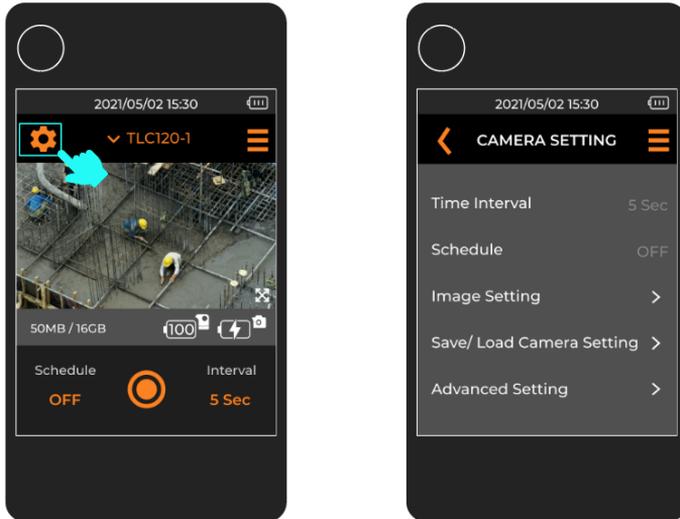
BLE Controller Setting



Setting	Options	Remarks
Screen Lock	On/Off	Enable screen lock to prevent accidental operation of shutter control, scheduling, intervals, and camera settings. You can still check the camera battery and SD card status on the LCD screen
System Time	Date & time	The device's date and time will automatically sync with the camera when it is connected to the controller
Language	English, Español, Deutsch, Français,	If your device does not support the above languages, please visit www.brinno.com to find the latest firmware for upgrading

	Italiano, 繁體中文, 简体中文, 日本語	
Information	Device BLE & firmware version	

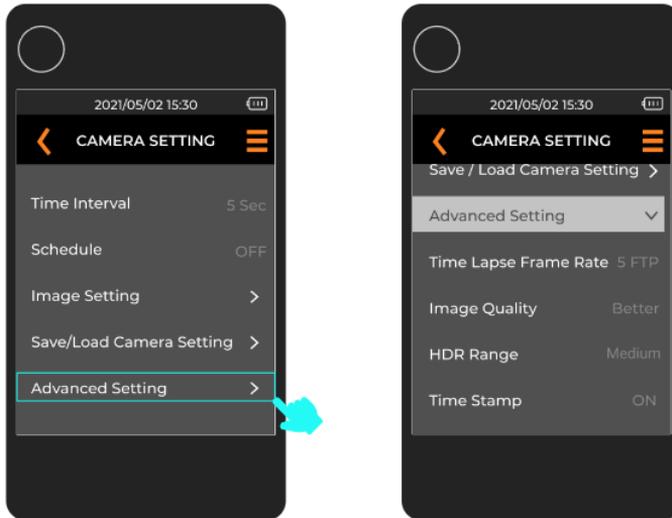
Camera Setting



Setting	Options	Remarks
Time Interval	Per-set interval, custom	Select desired time interval or custom
Schedule	Start & stop time	Select start & stop time for daily schedule recording
Image Setting	Exposure Mode	Daylight, Twilight, Night, Moon, Star
	White Balance	AWB, Day, Shade, Cloud, 3300 FL-C, 4000 FL-C, Incandescent
	Saturation	-3, -2, -1, 0, 1, 2, 3
	Contrast	
Sharpness		

Save/Load Camera Setting	Save/Load	If you have more than one camera, you can save the current camera setting, then use same BLE controller connect to another camera, and load camera setting
Advanced Setting	See below chart	

Camera Setting- Advanced Setting



Setting	Options	Remarks
HDR Range	High, Medium, Low	
Time Lapse Frame Rate	1, 5, 10, 15, 30 FPS	<p>The time lapse frame rate (playback rate) will affect the length of your time lapse video. Fps stands for frame per second meaning the speed that images are shown.</p> <p>For a long-term time lapse recording, we recommend 15 fps or 30 fps. If you prefer slideshow footage, we suggest setting the playback rate to 1 fps.</p>

Image Quality	Best, Better, Good	
Time Stamp	ON, OFF	
Low Light Recording	ON, OFF	
LED Indicator	ON, OFF	
Band Filter	None, 50 Hz, 60 Hz	<p>If you are filming indoors and are using florescent bulbs, you need to setup flicker filter to prevent light bands from appearing on your footage.</p> <p>Before choosing your filter, check your country's power frequency. Most countries in North America, South America, and East Asia use 60Hz. The rest of the world mostly uses 50Hz.</p>
External Power	Auto	Camera will auto select external power setting
	DC IN	Connect to a power socket
	Solar	Connect to a solar power kit
Camera Info	Firmware version, BLE version, Camera version	
Reset	Reset to factory setting	

FCC

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

BSMI 有電池產品

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

警告

本電池如果更換不正確會有爆炸的危險，請依製造商說明書處理過之電池。

NCC LP0002

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應改善至無干擾時方得繼續使用。前項合法通信，指依電信法規 定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用 電波輻射性電機設備之干擾。

Thank you for choosing Brinno!

**Got questions?
Check out the following resources.**

FAQs

brinno.com/support/faq/bcc200-ble



Time Lapse Calculator

brinno.com/support/time_setting_calculator



Still can't find what you are looking for?

Contact customer service at: customerservice@brinno.com

