

**B-PRO5**

***α* ALPHA** EDITION

Mark II

USER GUIDE



# WARNING

- This is a high tech product, please don't drop or hit it.
- Do not expose this product to any magnetized items. Avoid area that has strong radio or magnetic waves, These waves can cause damage, failure and or distortion on the pictures and sounds.
- Do not put this product in a high temperature environment or exposed to direct sunlight in a long time.
- Please use high-quality micro SD card, to ensure the quality of your recording and photo taking.
- Do not place the micro SD card in places with high magnetic waves to avoid losing or damaging the data inside the card.
- If the unit overheats, has smoke, or has a burnt smell during charging process, please plug out the charger to avoid fire.
- During charging keep it away from children, to avoid electrocution or choking because of the child playing with the cable.
- Keep the product in a dry and cool place.
- Avoid keeping the product in a dusty place.

# PREFACE

This product is a high-definition video recording device which designed to fulfill the market needs. This product has various industry-leading features like digital video recording, photo recording, audio recording, video viewer, and replacable battery. This makes the product to be a good choice as a video recording device on your vehicle, a camera that record your sports activity, outdoor activity, security cam, underwater cam, etc. Giving you the freedom to record anytime, anywhere.

Multipurpose



Car recording



Outdoor sports



Water sports



Video



Home security

For B-PRO5 User Guide in english, please download at [www.brica.co.id](http://www.brica.co.id)

# PRODUCT FEATURES

- Waterproof casing enables you to record your underwater activity up to 40m depths.
- High definition screen to view your photo and video.
- Replacable battery to ease the use and extend the life of your camera.
- Can still be used to while charging is in progress.
- Can record while using external battery.
- 16 megapixel image sensor.
- HDMI HD output.
- Support memory card up to 64GB maximum.
- Support many video resolutions.
- Movie files saved in high bitrate .MP4 format.
- Support different photo modes.
- Video encryption supported.
- Small and compact size.

# HOW TO USE

## INSERTING THE MEMORY CARD

1. Insert the memory card to its slot.
2. Ensure the orientation is correct, if it stuck do not force it to avoid damaging the memory card and the camera.
3. Press until you hear the click noise.

Note: Choose a good quality class-10 or UHS-1 memory card to ensure compatibility

## INSERTING AND REMOVING THE BATTERY

1. Open the battery cover.
2. Insert the battery according to the +/- sign that are printed on the battery.
3. Press until the battery is fully inserted.
4. To remove the battery, open the cover and remove the battery.

Note: Please remove the battery if the camera will not be used in a long period of time.

## CHARGING

1. Connect the USB cable with the included power adapter, and to the camera, then plug the adapter to an electrical outlet.
2. The unit will turn on automatically, please turn off the unit. The indicator (red) near the screen indicates the unit is charging.
3. Charging process is complete when the indicator light (red) is turned off.

Note: Turn off the unit by long-pressing the power button to make the charging process faster.

## TURNING THE UNIT ON/OFF

- Long Press the power button (3-5sec) to turn on the unit.
- Long press the power button (3-5 sec) to turn off the unit.

Note: Unit can be set to turn off automatically on the settings menu.

## CHANGING MODES

Press the power button once when the camera is turned on to change modes.



## **RECORDING VIDEO & PHOTO & PHOTO BURST**

- To record video, go to video mode, and press the shutter button to start recording, and press the shutter button again to stop recording.
- To take a photo, go to photo mode and press the shutter button, for Photo burst, please activate it on settings menu to enable it.

Note1: For photo and video setting, see SETTINGS.

Note2: The amount of photo in BURST mode are set in burst setting.

## **PLAYBACK**

- On playback mode, the “up” and “down” button, will functions as navigation button to choose which photo or video that want to be seen.
- To play a video, press the shutter button on the selected video, press it again to pause the playback.
- To stop the video playback, press the power button.

## **WATERPROOF CASE**

Please test the casing to ensure that there is no leakage.

Note: Warranty claim waterproof case only valid for 10 days after date of purchase.



## ACTIVATING AND CONNECTING WIFI

B-PRO5 Alpha Edition mk.II can be connected to your Android based or iOS based smartphone, after it was connected the B-PRO5 unit can be controlled remotely using the smartphone, also, photo and video can be transferred to your connected smartphone.

1. Turn on the WiFi by pressing the “Shutter” button for a few seconds until the WiFi is turned on or by activating it via settings.
2. The indicator light on the top of the unit will blink and the WiFi information will be shown on the LCD Screen.
3. Turn on the WiFi on your smartphone, find and connect to the SSID displayed in the unit screen, and input the password that is also displayed on the unit LCD screen.

## WIFI SMARTPHONE APP

B-PRO5 Alpha Edition mk.II can be connected to Android smartphone or iPhone by using the following app :



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# SETTINGS

## ENTERING THE SETTINGS

To enter the settings menu, press the power button to change modes until it enters the settings menu. Use the “UP” and “Down” button for navigation, and shutter button to enter the sub-menu or confirm.

## VIDEO

### VIDEO RESOLUTION

This option is for changing the video resolution on video mode.

B-PRO5 Alpha Edition mk.II has 4 video resolutions:

1. **4K @30fps**
2. **2.7K @30fps**
3. **1080p @60fps/30fps**
4. **720p @90fps/60fps/30fps**

Note1: fps (frame per second) shows how many pictures were taken per video seconds.

Note2: The higher the video resolution, the bigger the file size.

## **SOUND RECORDING**

Turn this option on so it will record sound during video recording.

## **TIME LAPSE**

This option is for activating the time-lapse function on video mode, so the video recording will be a time-lapse video.

The settings options are as follows:

**off - 0.5 sec - 1 sec - 2 sec - 5 sec - 10 sec - 30 sec - 60 sec**

Note: Time stamp will be deactivated when using this function.

## **LOOP RECORDING**

This option is for activating the loop-recording function.

This function will make the camera record video in clips, which the oldest clip will be automatically overwritten when the memory card is full.

The clip duration can be set with the following options:

**Off - 2 mins - 3 mins - 5 mins**

## **SLOW MOTION**

This function is for changing the video resolution and speed of recording during slow-motion mode, the settings is 720p@90fps / 1080p@60fps.

## **PHOTO**

### **PHOTO RESOLUTION**

This option is form changing the photo size in photo mode.

B-PRO5 Alpha Edition mk.II has the following photo resolution available:

**16M(4608x3456 4:3) - 12M (4000x3000 4:3) - 8M (3264x2448 4:3) -  
5M (2560x1920 4:3) - 2M (1600x1200 4:3)**

Note: The higher the resolution, the bigger the photo file.

## **SELF TIMER**

This option is for activating the self-timer function on photo mode.

This option has the following settings:

**Off - 3 sec - 5 sec - 10 sec - 20 sec**

Note: If this function is active, then burst and auto-shoot will be deactivated automatically.

## **AUTO SHOOT**

This option is for activating the auto-shoot function on photo mode.

This option has the following settings:

**off - 3 sec - 10 sec - 15 sec - 20 sec - 30 sec**

Note1: If this function is active, burst and self-timer will be deactivated automatically.

Note2: To stop taking photo, press the shutter button again.

## **BURST**

This option is to set how many burst photos that will be taken on photo mode.

The amount of photos that can be taken are as follows:

**3 photo/shot - 5 photo/shot - 10 photo/shot**

Note: If this function is active, auto-shoot and self-timer will be deactivated automatically.

## **GENERAL SETTINGS**

### **EXPOSURE**

This option is for configuring the exposure setting, the options is as follows:

**-3.0 / -2.0 / -1.0 / 0.0 / +1.0 / +2.0 / +3.0**

Note: The higher the exposure value the brighter the image result.

## **WHITE BALANCE**

This option is for configuring image color based on the light source.

The White balance settings are as follows:

Auto - Sunny - Cloudy - Incandescent - Fluorescent

Note: For underwater use, it's best to configure the white balance to "Cloudy".

## **WiFi**

This option is for turning on/off the WiFi.

Note: WiFi can also be turned on by long pressing the shutter button.

## **IMAGE ROTATION**

This option when turned on will make the video/photo recording rotated 180° automatically, use this function if the camera needed to be used on upside-down position.

## **DRIVING MODE**

This option is to make the camera turned on and start recording automatically when connected to the charger, this function is useful if the camera is needed

to be used as a car-cam.

Note: If this function is active, the recording cannot be stopped manually, to stop the recording, un-plug the charger from the camera.

## **LIGHT SOURCE FREQUENCY**

Used for setting the refresh rate, its options are, Auto/ 50Hz / 60Hz.

## **LED INDICATOR LIGHT**

Used to set the indicator light on the camera, whether it's turned on or off.

## **AUTO SCREENSAVER**

Used for automatically turn off the LCD screen, after a period of time.

There are 4 options : OFF - 10 sec - 20 sec - 30 sec

## **AUTO SHUTDOWN**

Used to automatically turn off the camera after a period of time.

There are 4 options: OFF - 1 Min - 3 Min - 5 Min.

Note: The function won't work if the camera is recording or when the auto-shoot option is on and active.

## **TIME WATERMARK**

Used to show the time and date stamp on the photo/video taken.

## **LANGUAGE**

Used to change the displayed language on the camera. By default the camera is set to Bahasa Indonesia, if you need to change it, choose “Tampilan Bahasa” on settings, and then choose the display language you want.

## **DATE-TIME**

Used for manually changing the time and date on the camera:

1. Use the navigation button to change the value, and the shutter button move.
2. After the changes has been made, press the shutter button until you are back to settings menu.

## **FORMAT**

Used to format the memory card, Caution, all files will be gone if the memory



card is formatted. It is best to format the memory card when using the camera for the first time.

## **RESET TO FACTORY SETTING**

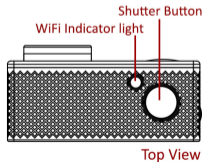
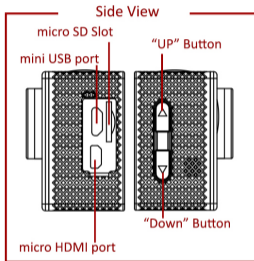
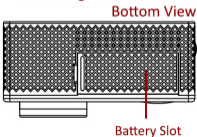
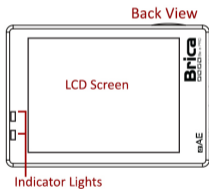
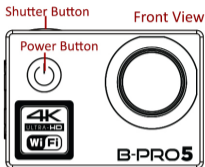
Used to reset all the changes made on the settings back to its default settings as set by the factory.

Note: This option will not delete files from the memory card.

## **FIRMWARE**

Used to display the camera firmware information.

# PRODUCT SCHEME



# PACKAGING CONTENTS

- 1x B-PRO5 Alpha Edition mk.II
- 1x Waterproof Case
- 1x Flat adhesive base mount
- 1x Curved adhesive base mount
- 1x Handlebar Mount
- 1x Charger Unit
- 1x Clip Mount
- 3x Pivot Arms
- 1x Quick release Mountings (large)
- 1x Quick release Mountings (small)
- 2x Strap
- 2x Velcro Strap
- 1x Tripod mount
- 1x Casing skeleton backdoor
- 1x USB cable
- 1x Skeleton housing
- 1x Manual Book
- 4x Cable Ties
- 1x Metal Wire
- 2x Extra Adhesive
- 1x Soft Cloth
- 1x 1050mAH Li-Ion Battery

# TECHNICAL SPECIFICATIONS

Camera Sensor	16M Sony CMOS Sensor
Video Resolution	4K @30fps 2.7K @30fps 1080p @60/30fps 720p @90/60/30fps
Photo Resolution	16M(4608x3456 4:3) - 12M (4000x3000 4:3) - 8M (3264x2448 4:3) 5M (2560x1920 4:3) - 2M (1600x1200 4:3)
File Format	Movie : MP4 H.264 Photo : JPEG
LCD Screen	2" LTPS LCD
Aperture	F/2.8 , f=2.9mm
Zoom	Optical: N/A Digital : N/A
Lens	Lensa Fixed Focus Wide Angle (170°)
Storage Media	MicroSD class 10 atau UHS-1 hingga 64GB

Photo Mode	Single Shot Self-timer (3/5/10/20 detik ) Burst (up to 10fps) Auto shot
Frequency	50Hz / 60Hz
Port	mini USB x1 micro HDMI x1 micro SD Card slot x1
Focus Range	Normal: 1.5m~∞
Battery	Li-Ion 1000mAH
Power Interface	5V 2A
Power Disipation	400mA @4.2V
Charging Time	± 3 Jam
Internal Memory	N/A
Operating Time	+/- 110 mins* - Normal +/- 80 mins* - Normal + Live Stream  *Based on Brica Engineering testing. Actual performance may vary.

Modes	Video Mode Photo Mode Slow-Motion Mode Playback Mode
Features	WiFi Live Stream Loop Recording Time-Lapse Burst DVR Mode
WiFi	801.1 b/g/n up to 30m range
Dimension	60 x 41 x 22 mm
Weight	65g - tanpa baterai & waterproof case 150g - dengan baterai & waterproof case
OS	PC: Windows XP and above, MacOS Smartphone: Android & iOS

Note: All product specification and settings are subject to change without prior notice.



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