

# Product Brochure



[www.bolymedia.com](http://www.bolymedia.com)  
[www.bolyshop.com](http://www.bolyshop.com)  
[www.bolyinc.com](http://www.bolyinc.com)

# 2025

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# SG520-DB

## 37MP/4K, 940nm & White LED Trail Camera



- 37MP image resolution and 4K video
- Trigger time: < 0.7s
- 90ft. detection and lighting range
- 940nm black IR and white led
- Take color or black & white picture and video at night
- 1.44 inch color LCD
- Use 4 × AA batteries
- SD card and solar panel are optional
- Support up to 256G SD card



37MP



4K



940nm/White led



90ft



# SG520-plus

37MP/4K, 940nm & 850nm, Rechargeable batteries



- ◆ 37MP image resolution and 4K video
- ◆ Trigger time: < 0.6s
- ◆ 90ft. detection and lighting range
- ◆ 940nm black IR and 850nm IR LED
- ◆ 1.44 inch color LCD
- ◆ Use 3 × 18650 lithium batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ Support up to 256G TF card



37MP

4K

940nm/850nm

90ft

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# BG410-D

## 37MP/4K, 940nm & White LED Trail Camera

- 37MP image resolution and 4K video
- Trigger time: < 0.7s
- 85ft. detection and lighting range
- 940nm black IR and white led
- Take color or black & white picture and video at night
- 1.44 inch color LCD
- Use 2 × 18650 lithium batteries
- Rechargeable by solar panel or phone charger
- TF card, 18650 batteries and solar panel are optional



37MP



4K

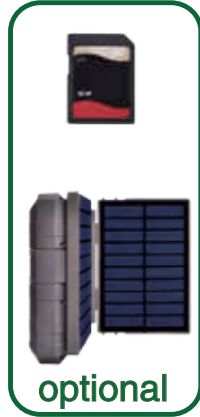


940nm/White led



85ft

3



# BG590-4K

45MP/4K High-quality Trail Camera  
with 940nm & White LED

- ◆ 45MP image resolution and 4K video
- ◆ Trigger time: < 0.7s
- ◆ 90ft. detection and lighting range
- ◆ 940nm black IR & white led
- ◆ Take color or black & white picture and video at night
- ◆ 2.0 inch color LCD
- ◆ Use 8 × AA batteries
- ◆ SD card and solar panel are optional
- ◆ Support up to 256G SD card



45MP



4K



940nm/White led

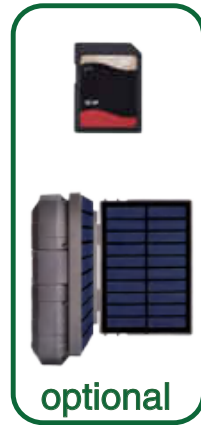


90ft



# BG590-BR

## 45MP/4K, 940nm & 850nm LED Trail Camera



- ◆ 45MP image resolution and 4K video
- ◆ Trigger time: < 0.6s
- ◆ 90ft. detection and lighting range
- ◆ 940nm black IR and 850nm IR led
- ◆ 2.0 inch color LCD
- ◆ Use 8 × AA batteries
- ◆ SD card and solar panel are optional
- ◆ Support up to 256G SD card



45MP



4K



940nm/850nm



90ft



# BG636-K

## 64MP/1080P High Resolution Trail Camera



- ◆ 64MP image resolution and 1080P video
- ◆ Trigger time: < 0.7s
- ◆ 100ft. detection and lighting range
- ◆ 940nm black IR
- ◆ 2.0 inch color LCD
- ◆ Use 5 × 18650 lithium or 8 × AA batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ SD card, 18650 batteries and solar panel are optional
- ◆ Support up to 64G SD card

HD	FHD	100ft	Lithium
64MP	1080P	100ft	Lithium





# SG2060-T

**64MP/1080P High-end Trail Camera, White LED & Xenon Flash & Black IR combination**

- ◆ 64MP image resolution and 1080P video
- ◆ Trigger time: < 1.0s
- ◆ 100ft. detection and lighting range
- ◆ White led, xenon flash and 940nm black IR combination
- ◆ Take color or black & white picture and video at night
- ◆ 2.0 inch color LCD
- ◆ Use 8 × AA batteries
- ◆ SD card and solar panel are optional
- ◆ Support up to 64G SD card



optional

# BG662-HQ

## 56MP/4K Night Vision Trail Camera with 940nm & White LED

- ◆ 56MP image resolution and 4K video
- ◆ Trigger time: < 0.6s
- ◆ 100ft. detection and lighting range
- ◆ 940nm black IR and white led
- ◆ Take color or black & white picture and video at night
- ◆ 2.0 inch color LCD
- ◆ Use 5 × 18650 lithium or 8 × AA batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ SD card, 18650 batteries and solar panel are optional
- ◆ Support up to 512G SD card

HD

56MP

4K

4K



100ft



Lithium



optional

## BG662-T

### 56MP/4K, 940nm & White LED & Xenon Trail Camera

- 56MP image resolution and 4K video
- Trigger time: < 0.6s
- 100ft. detection and lighting range
- Take color or black & white picture and video at night
- 2.0 inch color LCD
- Use 5 × 18650 lithium or 8 × AA batteries
- Rechargeable by solar panel or phone charger
- SD card, 18650 batteries and solar panel are optional
- Support up to 512G SD card
- Motion sharp



56MP

4K

Tri-flash

100ft



# BG662-BR

## 56MP/4K, 940nm & 850nm LED Trail Camera



optional

- ◆ 56MP image resolution and 4K video
- ◆ Trigger time: < 0.6s
- ◆ 100ft. detection and lighting range
- ◆ 850nm led and 940nm black IR
- ◆ 2.0 inch color LCD
- ◆ Use 5 × 18650 lithium batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ Support up to 512G SD card

56MP	4K	100ft	Lithium

# BOLY



56MP



4K



Tri-flash



100ft

## BG662-X

### 56MP/4K, 850nm & 940nm & Xenon Trail Camera

- ◆ 56MP image resolution and 4K video
- ◆ 100 degree wide angle lens
- ◆ Trigger time: < 0.6s
- ◆ 100ft. detection and lighting range
- ◆ 850nm led, 940nm black IR and xenon flash combination
- ◆ Take color or black & white picture and video at night
- ◆ 1.44 inch color LCD
- ◆ Use 5 × 18650 lithium or 8 × AA batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ Support up to 512G SD card
- ◆ Motion sharp

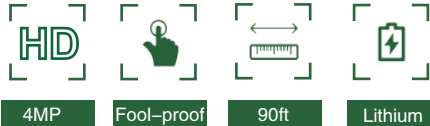
# BOLY



## EzGo

### NO buttons, Fool-proof operation Trail Camera

- ◆ 4MP real image resolution.
- ◆ Trigger time: < 0.6s
- ◆ 90ft. detection and lighting range
- ◆ 940nm black IR and white led
- ◆ Take color or black & white picture at night.
- ◆ 1.44 inch color LCD
- ◆ Use 3 × 18650 lithium batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ Support up to 256G TF card



4MP

Fool-proof

90ft

Lithium

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# BG410-M(S)

37MP/4K, 940nm Black IR 4G Trail Camera

- 4G/LTE, controlled by APP/webpage
- 37MP image resolution and 4K video
- Trigger time: <0.7s
- 85ft. detection and lighting range
- 940nm black IR
- 1.44 inch color LCD
- Use 2 × 18650 lithium batteries
- Rechargeable by solar panel or phone charger
- TF card, 18650 batteries and solar panel are optional

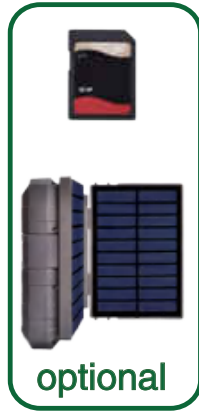


37MP

940nm Black IR

Lithium

4G/LTE



# BG584

24MP/1080P Popular 4G Trail camera with Remote Controller

- ◆ 4G/LTE, controlled by APP/webpage
- ◆ 24MP image resolution and 1080P video
- ◆ Trigger time: < 0.7s
- ◆ 90ft. detection and lighting range
- ◆ 940nm black IR
- ◆ 1.44 inch color LCD
- ◆ Use 8 × AA batteries
- ◆ With a remote controller

HD	FHD	4G	Molnus
24MP	1080P	4G/LTE	



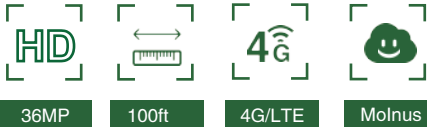


# MG984G-36M

## 36MP/1080P High-end 4G Trail Camera



- ◆ 4G/LTE, controlled by APP/webpage
- ◆ 36MP image resolution and 1080P video
- ◆ Trigger time: < 0.7s
- ◆ 100ft. detection and lighting range
- ◆ 940nm black IR
- ◆ 2.3 inch color LCD
- ◆ Use 8 × AA batteries





optional



GPS



Lithium



4G/LTE



Molnus

## BG636-48M

### 48MP/1080P High-end 4G Trail Camera with GPS

- ◆ 4G/LTE, controlled by APP/webpage
- ◆ 48MP image resolution and 1080P video
- ◆ Trigger time: < 0.7s
- ◆ 100ft. detection and lighting range
- ◆ 940nm black IR
- ◆ 2.0 inch color LCD
- ◆ Use 5 × 18650 lithium or 8 × AA batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ SD card, 18650 batteries and solar panel are optional
- ◆ Support GPS location

# BOLY



## BG662-M

### 56MP/4K Wide 4G Trail Camera with GPS

- ◆ 4G/LTE, controlled by APP/webpage
- ◆ 56MP image resolution and 4K video
- ◆ Trigger time: <0.7s
- ◆ 100ft.detection and lighting range
- ◆ 940nm black IR & White led
- ◆ Take color or black & white picture and video at night
- ◆ 2.0 inch color LCD
- ◆ Use 5 × 18650 lithium or 8 × AA batteries
- ◆ Rechargeable by solar panel or phone charger
- ◆ SD card, 18650 batteries and solar panel are optional
- ◆ Motion sharp



optional



GPS  
Location



56MP



4K



Lithium

## BG662-XM

56MP/4K, 850nm led, Xenon flash and 940nm black IR combination Trail Camera

- 56MP image resolution and 4K video
- 100 degree wide angle lens
- Trigger time: < 0.6s
- 100ft. detection and lighting range
- 850nm led, xenon flash and 940nm black IR combination
- Take color or black & white picture and video at night
- 2.0 inch color LCD
- Use 5 × 18650 lithium batteries
- Rechargeable by solar panel or phone charger
- Support up to 512G SD card

# Solar Charger





## BC-01

### Mini Portable Solar Power Charger

- ◆ Power: 1 watt
- ◆ Output Voltage: 5V
- ◆ Output Current: 300mA(max)
- ◆ Waterproof Rating: IP66
- ◆ Output Interface:DC
- ◆ Built-in battery box
- ◆ Optional: 2 × 18650 lithium batteries
- ◆ Applicable Models: all Boly camera models



## BC-02

### Foldable Solar Panel

- ◆ Power: 2.5 watt
- ◆ Output Voltage: 5V
- ◆ Output Current: 500mA(max)
- ◆ Waterproof Rating: IP66

### Mobile Power Bank

- ◆ Output Voltage/Current: 5V/2A
- ◆ Input Voltage/Current: 5V/2A
- ◆ Conversion Efficiency: >85%
- ◆ Charging Temperature: -20 °C~50°C
- ◆ Discharge Temperature: -20 °C~60°C
- ◆ Output Interface: DC(4.0\*1.7mm)
- ◆ Waterproof Rating: IP66
- ◆ Optional: 4 × 18650 lithium batteries

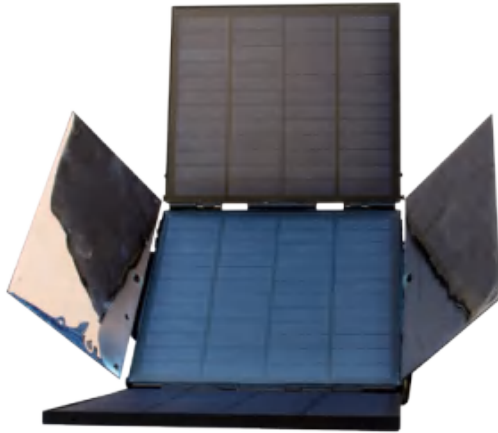


## SP-02U/D

### Foldable Solar Power Charger

- ◆ Power: 2.5 watt
- ◆ Output Voltage: 5V
- ◆ Output Current: 500mA(max)
- ◆ Waterproof Rating: IP66
- ◆ Foldable & easy to carry
- ◆ Output Interface: DC(4.0\*1.7mm)/USB
- ◆ Applicable Models:  
BG636(M)/BG662(M)/BG310(M)/  
BG710(M)/BG410(M) series





## BC-04

### Three-side Foldable Solar Power Charger

- ◆ Power: 10 watt
- ◆ Output Voltage: 5V/2A; 12V/1A
- ◆ Output Current: 500mA(max)
- ◆ Waterproof Rating: IP66
- ◆ Charging Temperature: -20 °C~50°C
- ◆ Discharge Temperature: -20 °C~60°C
- ◆ Input Interface: Type-C
- ◆ Output Interface: DC(4.0\*1.7mm)/USB
- ◆ Multi-mirrors concentration design
- ◆ Foldable & easy to carry
- ◆ Optional: 8 × 18650 lithium batteries



# Company Profile

Boly Inc. is a designer and manufacturer focused on the imaging and renewable energy industries.

Our company was founded in 2000 by our CEO, Dr. Xiaoping Hu in Santa Clara, California. Boly Inc. has invented and patented a series of world-leading technologies for image scaling, data compression, video streaming, motion tracking sensing and high-quality image processing.

We manufacture digital scouting cameras, security cameras, ultrasonic motors, and optical zoom components.

Boly Inc. is an innovative designer and manufacturer focused on refining the imaging and renewable energy industries. We have high hopes for our future generations and strive to work towards reducing the world's carbon footprint.

Certificates



Patents

