



WILLFINE®

WILLFINE

SY Electronic Technical Co.,Ltd.

SIFAR CATALOG

New Edition

Who we are

SY Electronic Technical Co.,Ltd.

World Leading Smart Outdoor Monitoring Solution Provider

**Serve top trail camera brands
across 80 countries worldwide**

Established in 2004, Sifar is a company that integrates R&D and manufacturing. Over the past 20 years, we have focused on video products, evolving from our first webcam to PIR detection cameras, and now to outdoor observation cameras. We offer a range of product solutions tailored to meet the customization needs of various clients. With extensive experience in ODM business, we have built a robust supply chain system to provide comprehensive and valuable international trading services.

Our years of R&D efforts have positioned us as one of the few solution providers and manufacturers capable of delivering stable, high-quality products. Our mission is to create the most reliable product tools for our clients and users.

- 2004** ○ Company Establishment. Launched our first mass-market monitoring products
- 2005** ○ The 1st company developed PIR motion detection camera & server camera NVR
- 2010** ○ The 1st company developed GPRS trail camera
- 2016** ○ Released the 1st 4G trail camera and became the leading manufacturer in EU market
- 2021** ○ Became the global leader in trail camera sales volume
- 2024** ○ The 1st company developed 4K & self-trained AI bird camera
- 2025** ○ Developed smart binoculars & thermal imaging with AI
- More Milestones to Come



What we do

Customer Oriented Service

All-in-one solution for deep customization



Deep Customization



Camera

Full-scale customization



SIM Card

Select SiFar collaborated network or your own network operators



Service

Seller dashboard, logistics, and technical support (included/optional)



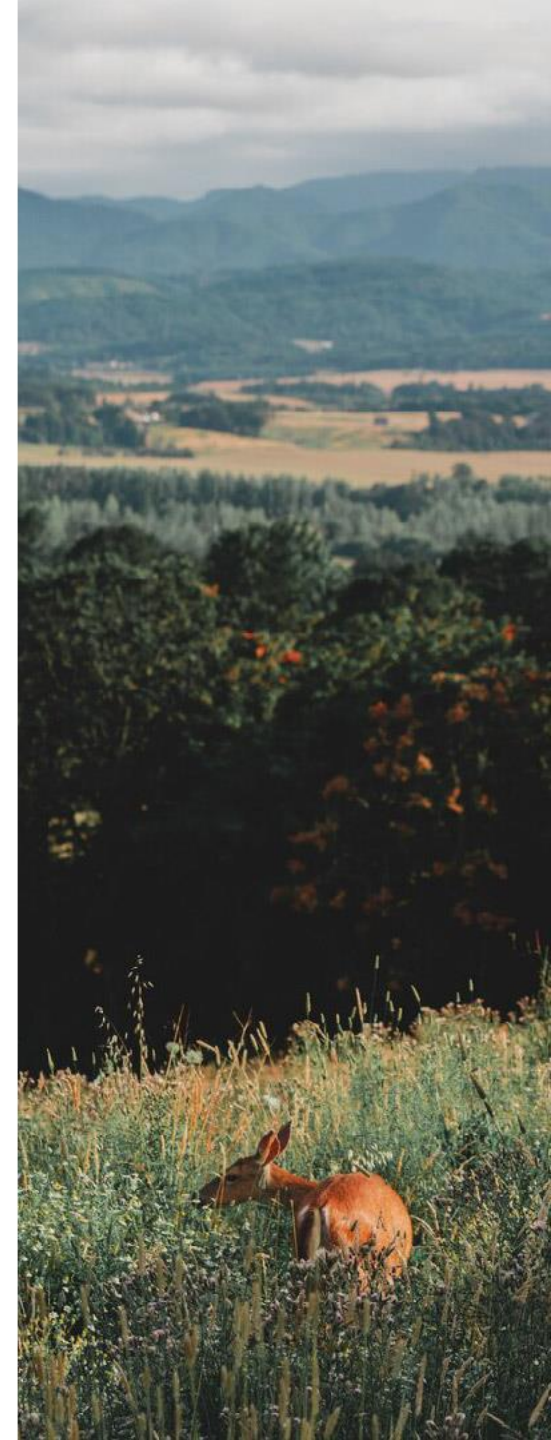
App

Full-scale customization



Cloud

SiFar Cloud or we help you build YOUR OWN cloud service



Our Strengths and Cases

Strong End-to-end Integration Capabilities

From fast innovation to reliable production



20+Years

ODM&OEM Experience



28

Property Rights



100+

R&D Team Members



5

AI Breakthroughs



8

Chip Solutions



300k

Monthly Capacity

Our Strengths

- ▶ **Class-leading 8 chip solutions** for maximum product differentiation
- ▶ **100+ R&D team members** for fast customization of camera, App and server
- ▶ **5 AI technology** in images and animal ID for the best user-experience
- ▶ **300K** reliable monthly production capacity for on-time delivery in any condition
- ▶ **Strong end-to-end integration capabilities**, spanning ID design, camera and app development, mass production, global logistics, and after-sales service



Yellow Stone - Animal Ecological Environment Monitoring Project



Rocky Mountain National Park Wildlife Monitoring Project

A man in a blue hoodie and dark trousers, carrying a large green bag and a pheasant, stands on a rocky path overlooking a valley. A dog is walking ahead of him. The valley is filled with autumn foliage and a small stream. The text "TRAIL CAMERA" is overlaid in the center.

TRAIL CAMERA

HiF-AP RH60 & HiF-Cam W600

USA MARKET
ONLY ★ ★ ★

Works Anywhere without 4G Signal



32MP
Image Quality



5 Pics
Multi Shot



0.4s
Trigger Speed



1KM
signal range coverage



10 cameras
1 AP Device supports



IP67
Weatherproof



20M
Detection Range



2.4GHz & 5.8GHz
Wireless Signals



RH60 W600

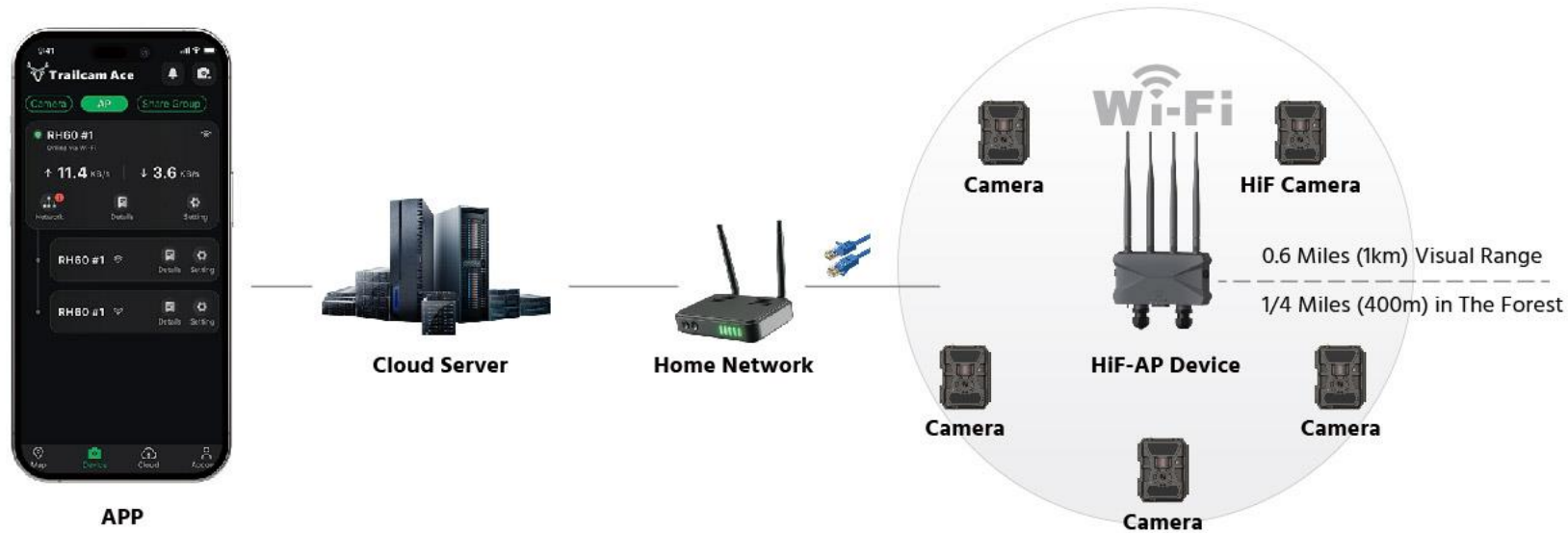


RH60&W600

USA MARKET
ONLY ★ ★ ★

INTRODUCTION

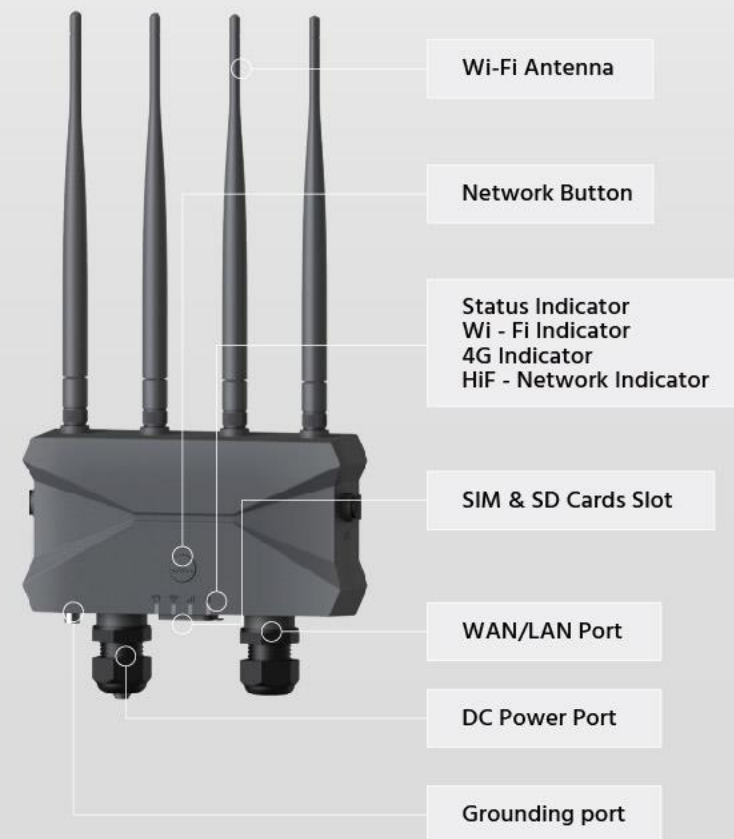
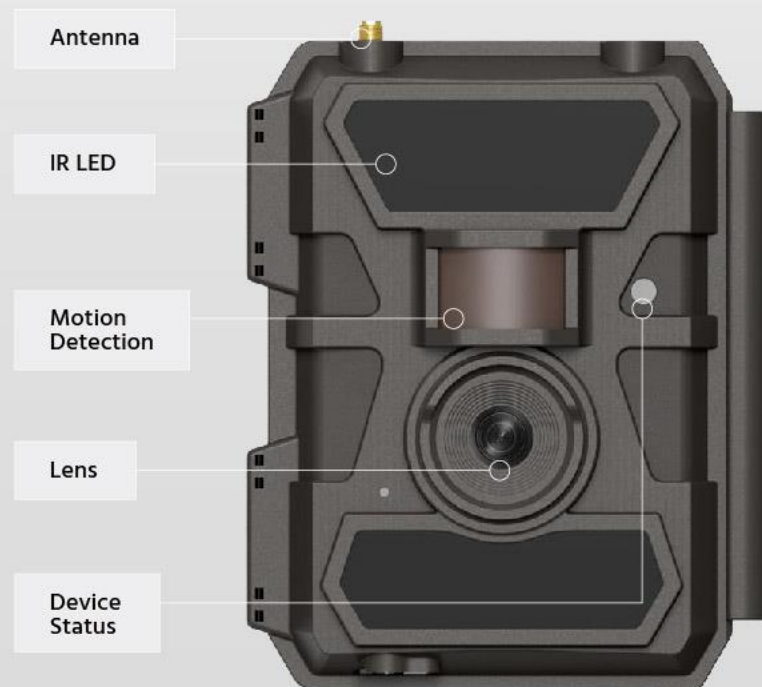
The HiF system includes AP devices, cameras, servers, and an app, working together for PIR triggering, image/video capture, storage, data transmission, and result display. The AP device acts as the central hub for data transmission, linking to the server via wired.



RH60&W600

USA MARKET
ONLY ★ ★ ★

FUNCTIONS



RH60&W600

USA MARKET
ONLY ★ ★ ★

TECHNICAL SPECIFICATIONS

Wild

Farm / Ranch

Construction Site

HiF-AP RH60

Connectivity Modes	Wired
Wi-Fi Frequency	2.4GHz & 5.8GHz
Signal Range	Up to 1km (line of sight) / 400m (in forested areas)
Max Connected Devices	1 AP Devices + 10 Cameras
Mesh Networking	Support (expands coverage and enhances connectivity)
Storage	Micro SD
Power	DC 12V 2A (4.0 x 1.6 mm) / PoE (Power over Ethernet)
Waterproof	IP67
Operating Temperature	-25°C ~ 65°C
Operating Humidity	5% ~ 90%

HiF-Cam W600

Photo Size	Up to 32M (Storage)	Power	6AA / 12AA / DC 12V 2A (4.0 x 1.6 mm)
Multi Shot	Up to 5P	Waterproof	IP66
Video Size	Up to 1080P, 5~59s	Operating Temperature	-20°C ~ 55°C
Live Stream	Support	Operating Humidity	5% ~ 90%
Trigger	0.4s, 20m		
DFOV	60°		
IR LED	940nm, 60pcs		
Screen	2.0" RGB TFT		
Wireless	Wi-Fi 5 (2.4GHz / 5.8GHz), Bluetooth 5.0		
Storage	SD (up to 128GB)		

T4.0-CG

SMTP/FTP
VERSION

**Willfine's Best Value Flagship Trail Camera Better User Experience,
Better Performance, All At A More Affordable Price**

- | | | |
|---|---|---|
|  32MP
Image Quality |  1080P
Video with Sound |  20M
Detection Range |
|  0.4s
Trigger Speed |  940nm
Infrared Technology |  GPS
Location Pin |
|  SMTP(s)/FTP(s)
Transmit Options |  IP66
Weatherproof |  2.0" TFT
Color Screen |

T4.0-CG

TRAIL CAMERA



T4.0-CG

TECHNICAL SPECIFICATIONS



Lens

DFOV	60° or 100°
F No.	F/2.0 or F/2.4

Wireless Mode

4G Module	4G LTE
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Trigger Time

Trigger Time	400ms
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Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Power Supply

Battery Supply	12AA
DC Supply	12V

Interface

SD Card	Standard SD Card Slot
SIM Card	Standard SIM Card Slot
USB Port	Type-C
DC Port	Support

Photo

Photo Size on SD Card	5MP/8MP/12MP 24MP/32MP
Photo Size for Sending	Small/Bigger/Original
Multi - shot	1P/2P/3P/4P/5P

Video & Audio

Video Size on SD Card	WVGA/HD/FHD
Video Size for Sending	WVGA/HD/FHD
Microphone	Support

FW Update

SD Card Update	Support
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Memory

Local Storage	SD Card: 8GB - 128GB (Require formatting for 64GB & 128GB)
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Screen

LCD	2.0"TFT
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iOS/Android APP

iOS/Android APP	"TrailCamera"
iOS/Android System	Support

Ambient

PIR Range	Maximum support of 20m
PIR Angle	60° or 100°
Light Sensor	Support
Temperature	Support

Weight & Dimensions

Camera Weight (excluding antenna)	363g
Camera Size (excluding antenna)	15.2*11.6*7.2(cm)

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

Certification

Certification	FCC; CE; RoHS
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T4.0-CS

CLOUD
VERSION

**Willfine's Best Value Flagship Trail Camera Better User Experience,
Better Performance, All At A More Affordable Price**



32MP
Image Quality



1080P
Video with Sound



20M
Detection Range



4G LTE
Transmit Options



2.0" TFT
Color Screen



0.4s
Trigger Speed



940nm
Infrared Technology



IP66
Weatherproof



GPS
Location Pin

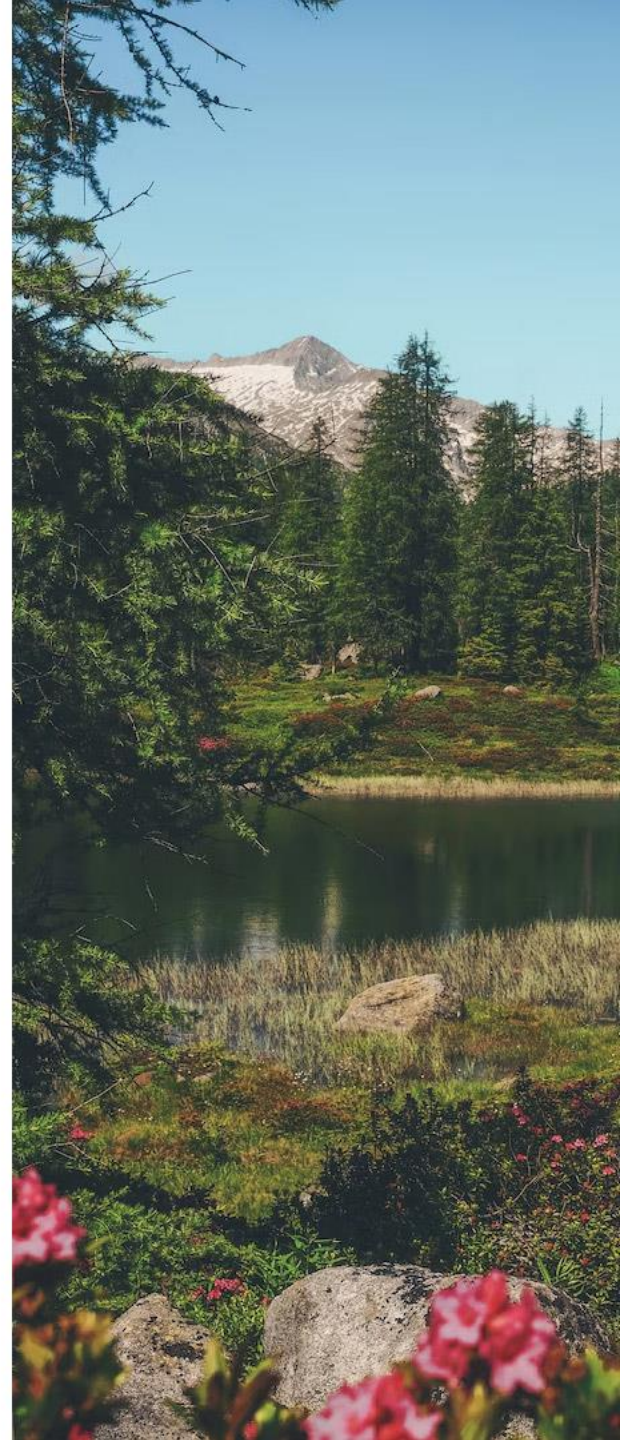


**T4.0
-CS**
TRAIL CAMERA

Status
Management

Device
Management

Album
Management



T4.0-CS

TECHNICAL SPECIFICATIONS



Lens

DFOV	60° or 100°
F No.	F/2.0 or F/2.4

Wireless Mode

4G Module	4G LTE
-----------	--------

Trigger Time

Trigger Time	400ms
--------------	-------

Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Power Supply

Battery Supply	12AA
DC Supply	12V

Interface

SD Card	Standard SD Card Slot
SIM Card	Standard SIM Card Slot
USB Port	Type-C
DC Port	Support

Photo

Photo Size on SD Card	5MP/8MP/12MP 24MP/32MP
Photo Size for Sending	Thumb/HD
Multi - shot	1P/2P/3P/4P/5P

Video & Audio

Video Size on SD Card	WVGA/HD/FHD
Video Size for Sending	WVGA/HD/FHD
Microphone	Support

FW Update

SD Card Update	Support
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Memory

Local Storage	SD Card: 8GB - 128GB (Require formatting for 64GB & 128GB)
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Screen

LCD	2.0"TFT
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iOS/Android APP

iOS/Android APP	"Trailcam Ace "
iOS/Android System	Support

Ambient

PIR Range	Maximum support of 20m
PIR Angle	60° or 100°
Light Sensor	Support
Temperature	Support

Weight & Dimensions

Camera Weight (excluding antenna)	363g
Camera Size (excluding antenna)	15.2*11.6*7.2(cm)

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

Certification

Certification	FCC; CE; RoHS
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T5.8-CG

SMTP/FTP
VERSION

Exceptional Image Quality in a Compact, User-friendly Design



32MP

Image Quality



1080P

Video with Sound



20M

Detection Range



0.4s

Trigger Speed



940nm

Infrared Technology



GPS

Location Pin



4G LTE

Transmit Options



IP66

Weatherproof



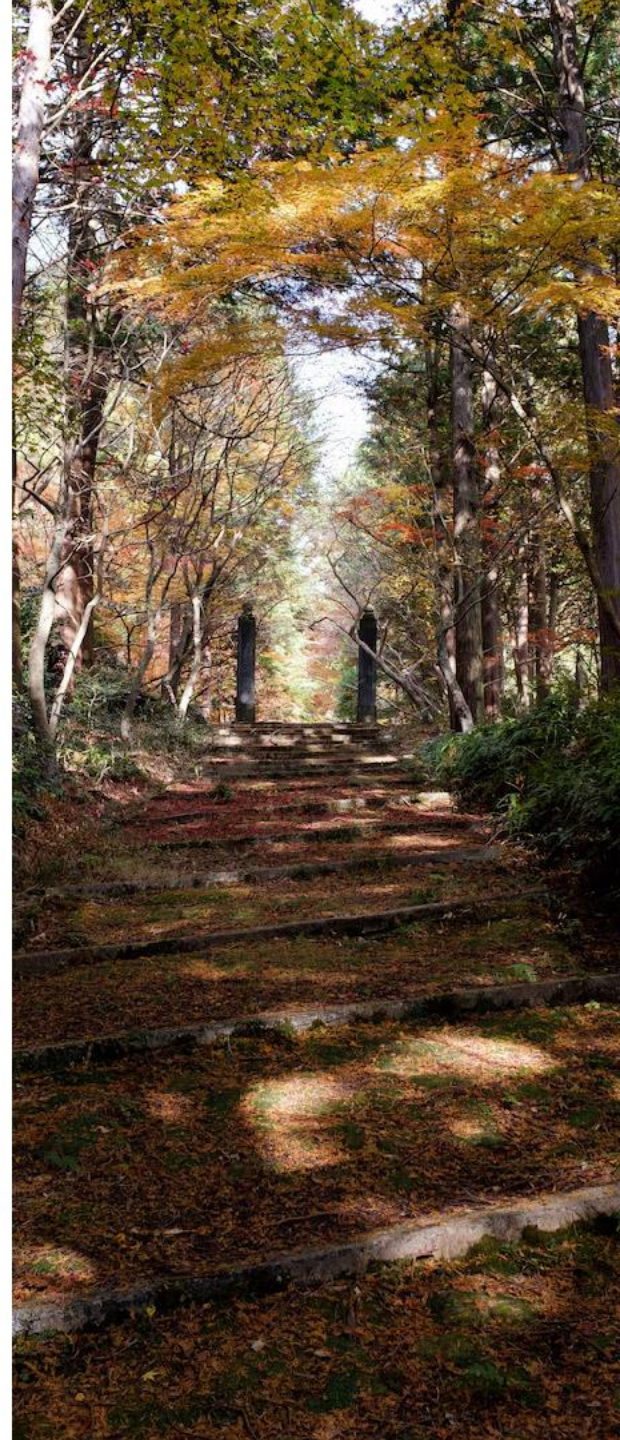
2.4" TFT

Color Screen



T5.8-CG

TRAIL CAMERA



T5.8-CG

TECHNICAL SPECIFICATIONS



Lens

DFOV	60° or 100°
F No.	F/2.0 or F/2.4

Wireless Mode

4G Module	4G LTE
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Trigger Time

Trigger Time	400ms
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Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Power Supply

Battery Supply	8AA
DC Supply	12V

Interface

SD Card	Standard SD Card Slot
SIM Card	Standard SIM Card Slot
USB Port	Type-C
DC Port	Support

Photo

Photo Size on SD Card	5MP/8MP/12MP 24MP/32MP
Photo Size for Sending	Small/Bigger/Original
Multi - shot	1P/2P/3P/4P/5P

Video & Audio

Video Size on SD Card	WVGA/HD/FHD
Video Size for Sending	WVGA/HD/FHD
Microphone	Support

FW Update

SD Card Update	Support
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Memory

Local Storage	SD Card: 8GB - 128GB (Require formatting for 64GB & 128GB)
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Screen

LCD	2.4"TFT
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iOS/Android APP

iOS/Android APP	"TrailCamera"
iOS/Android System	Support

Ambient

PIR Range	Maximum support of 20m
PIR Angle	60° or 100°
Light Sensor	Support
Temperature	Support

Weight & Dimensions

Camera Weight (excluding antenna)	260g
Camera Size (excluding antenna)	12.8*9.6*7.6(cm)

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

Certification

Certification	FCC; CE; RoHS
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T5.8-CS

CLOUD
VERSION

Exceptional Image Quality in a Compact, User-friendly Design



32MP
Image Quality



1080P
Video with Sound



20M
Detection Range



4G LTE
Transmit Options



2.4" TFT
Color Screen



0.4s
Trigger Speed



940nm
Infrared Technology



IP66
Weatherproof



GPS
Location Pin



**T5.8
-CS**
TRAIL CAMERA

Status
Management

Device
Management

Album
Management



T5.8-CS

TECHNICAL SPECIFICATIONS



Lens

DFOV	60° or 100°
F No.	F/2.0 or F/2.4

Wireless Mode

4G Module	4G LTE
-----------	--------

Trigger Time

Trigger Time	400ms
--------------	-------

Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Power Supply

Battery Supply	8AA
DC Supply	12V

Interface

SD Card	Standard SD Card Slot
SIM Card	Standard SIM Card Slot
USB Port	Type-C
DC Port	Support

Photo

Photo Size on SD Card	5MP/8MP/12MP 24MP/32MP
Photo Size for Sending	Thumb/HD
Multi - shot	1P/2P/3P/4P/5P

Video & Audio

Video Size on SD Card	WVGA/HD/FHD
Video Size for Sending	WVGA/HD/FHD
Microphone	Support

FW Update

SD Card Update	Support
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Memory

Local Storage	SD Card: 8GB - 128GB (Require formatting for 64GB & 128GB)
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Screen

LCD	2.4"TFT
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iOS/Android APP

iOS/Android APP	"Trailcam Ace "
iOS/Android System	Support

Ambient

PIR Range	Maximum support of 20m
PIR Angle	60° or 100°
Light Sensor	Support
Temperature	Support

Weight & Dimensions

Camera Weight (excluding antenna)	260g
Camera Size (excluding antenna)	12.8*9.6*7.6(cm)

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

Certification

Certification	FCC; CE; RoHS
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T200

CLOUD
VERSION

The First AI-Powered Cellular Trail Camera, Instant HD Photos & Videos with Zero Cost



5MP
Image Res on App



1080P
Video with Sound



20M
Detection Range



0.4s
Trigger Speed



940nm
No-Glow Illumination



HD Pic&Vid
Res on App



T200
TRAIL CAMERA



T200

HIGHLIGHTS

The iconic T200 offers a stable 4G signal with a variety of carrier options, and fast transmission, all without disturbing wildlife



SEND ALL VIDEOS

- Pic/Vid/Pic+Vid/HD Requests
- Multi-shot 1P/2P/3P
- Time Lapse & Working Timer



CONNECT GLOBALLY

- 4G LTE Network
- Support 80 Network Operators over the world
- Over-the-Air Remote Camera Upgrade



RELIABILITY

- 8AA Batteries
- 6 Months Standby Time
- Professional IP66 Waterproof



USER-FRIENDLY APP

- Album/Device/Data Plan Management
- Camera Sharing
- Instant Alert & Daily Check-in

T200

FUNCTIONS



T200

TECHNICAL SPECIFICATIONS



Lens

DFOV	60°
F No.	F/2.0

Wireless Mode

4G Module	4G LTE
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Trigger Time

Trigger Time	400ms
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Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Power Supply

Battery Supply	8 AA
DC Supply	12V

Interface

SD Card	Standard SD Card Slot
SIM Card	Standard SIM Card Slot
USB Port	Type-C
DC Port	Support

Photo

Stored Photo Size	5MP
Send Photo Size	Thumb
Multi-shot	1P/2P/3P

Video & Audio

Stored Video Size	1080P
Send Video Size	VGA
Microphone	Support

FW Update

SD Card Update	Support
OTA Update	Support

Memory

Local Storage	SD Card: 8GB - 128GB (Require formatting for 64GB & 128GB)
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iOS/Android APP

iOS/Android APP	"Trailcam Ace "
iOS/Android System	Support

Operating Keys

Key Switch	1pcs; ON/Setup/OFF Three-Position Switch
Button Switch	3pcs; Test, SD Format, Reset

Ambient

PIR Range	Maximum support of 20m
PIR Angle	60°
Day&Night Sensor	Support
Temperature Sensor	Support

Weight & Dimensions

Camera Weight (excluding antenna)	257g
Camera Size (excluding antenna)	12.9*9.4*7.6(cm)

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

Certification

Certification	FCC; CE; RoHs
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T100 Pro

CLOUD
VERSION

Receive Crystal Clear Videos. Go Live Anytime. Unmatched in Innovation



12MP

Image Quality



1080P

Video with Sound



20M

Detection Range



0.4s

Trigger Speed



940nm

No-Glow Illumination



Live

Stream



4G LTE

Transmit Options



OTA

Remote Update



GPS

Location Pin



T100 Pro

TRAIL CAMERA



T100 Pro

HIGHLIGHTS

Industry-leading technology-delivering videos for every trigger. Save time and costs by eliminating the need to request footage. Go live anytime to meet all your monitoring needs.



SEND ALL VIDEOS

- Pic/Vid/Pic+Vid/HD Requests
- Multi-shot 1P/2P/3P
- Time Lapse & Working Timer



CONNECT GLOBALLY

- 4G LTE Network
- Support 80 Network Operators over the world
- Over-the-Air Remote Camera Upgrade



RELIABILITY

- 12AA Batteries
- 6 Months Standby Time
- Professional IP66 Waterproof



USER-FRIENDLY APP

- Album/Device/Data Plan Management
- Camera Sharing
- Instant Alert & Daily Check-in

T100 Pro

FUNCTIONS



T100 Pro

TECHNICAL SPECIFICATIONS

Lens

DFOV	60°
F No.	F/2.0

Wireless Mode

Wireless Module	4G LTE
	NFC

Trigger Time

Trigger Time	400ms
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Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Power Supply

Battery Supply	12AA
DC Supply	12V

Interface

SD Card	Standard SD Card Slot
SIM Card	Standard SIM Card Slot
USB Port	Type-C
DC Port	Support

Photo

Stored Photo Size	5MP/8MP/12MP
Send Photo Size	Thumbnail/HD
Multi-shot	1P/2P/3P

Video & Audio

Stored Video Size	1080P
Send Video Size	VGA/HD
Microphone	Support

FW Update

SD Card Update	Support
OTA Update	Support

Memory

Local Storage	SD Card: 8GB - 128GB (Require formatting for 64GB & 128GB)
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iOS/Android APP

iOS/Android APP	"Trailcam Ace "
iOS/Android System	Support

Ambient

PIR Range	Maximum support of 20m
PIR Angle	60°
Day&Night Sensor	Support
Temperature Sensor	Support

Weight & Dimensions

Camera Weight	470g (with antenna)
Camera Size (excluding antenna)	14.1*11.4*9.4(cm)

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

Certification

Certification	FCC; CE; RoHs
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A photograph of a rural farm scene. In the foreground, a lush green field is separated from the background by a dark green wooden fence. Behind the fence, a bright yellow barn with white trim and a grey roof stands prominently. The barn has a small cupola on top and several windows. To the right of the barn, there is a smaller structure with a dark blue tarp roof. The background is filled with dense green trees under a clear blue sky. The text "SECURITY CAMERA" is overlaid in white, bold, sans-serif font across the middle of the image.

SECURITY CAMERA

G100

AI-Powered Precision Alert with 100° Wide Coverage
– Effortless Monitoring, Anytime, Anywhere.



12MP
Image Quality



2.7K
Video Resolution



100°
Wide Angle



Smart
Notifications



0.4s
Trigger Speed



1080P
Live Stream



5000mAh
Rechargeable Battery



Smart
Activity Zone



Two-way
Audio



90dB
Alarm Siren



100Lumin
White LED



Smart Working
Timer

G100

OUTDOOR SECURITY CAMERA



G100

HIGHLIGHTS



AI Smart Alerts for What Matters Most

Get notified only for the events that matter—humans, vehicles, and more. Reduce false alerts, save time, and focus on what's important.



100° Ultra-Wide Coverage

Monitor a larger area with fewer cameras, ensuring comprehensive surveillance with every unit.



Flexible, Anywhere Placement

With rechargeable batteries and 4G connectivity, the G100 can be installed anywhere—no wires, no limits.



G100

FUNCTIONS



G100

TECHNICAL SPECIFICATIONS

Wide-Angle Detection

Lens Angle	100°
Detection Range	100°

Day and Night Mode

Day Mode	Color
Night Mode	Black - and - White

Interface

SD Card	Micro SD card slot
SIM Card	SIM card slot
USB	Standard Type-C interface
DC Port	DC interface

Photo

Photo Resolution	Up to 12MP
Burst Shot	Up to 3P

GPS

GPS	Supported
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Video

Video Resolution	Up to 2.7K
Live Streaming	1080P

Shooting Modes

Shooting Modes	Picture, Video, Picture + Video
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Trigger Speed

Trigger Speed	400ms
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Reliability

Waterproof	IP66
Operating Temperature	-20°C - 55°C
Operating Humidity	5% - 90%



A close-up photograph of a small bird, possibly a Great Tit, perched on the edge of a rustic wooden bird feeder. The feeder is constructed from dark, weathered wood and features several cylindrical wooden ports. A green string is tied to the bottom of the feeder. The background is a soft-focus view of trees and foliage. The text "SMART BIRD FEEDER CAMERA" is overlaid in white, bold, sans-serif font in the center-right of the image.

SMART BIRD FEEDER CAMERA

K800

Introducing our Cutting Edge AI Bird Watching Camera, Fits Right in Any Backyard



3000mAh
Rechargeable Battery



Live
Stream



IP66
Waterproof



Tiny Size
Smaller than Palm



Real-time
Notification



2.4GHz/5GHz
Wi-Fi



K800

HIGHLIGHTS



Cyanistes caeruleus



Birds

Our advanced AI can identify over 10,000 bird species with 95% accuracy and send push notifications directly to the app

Slow-Motion Photography

Industry leading slow-motion feature to capture every bird's flocking wings in motion

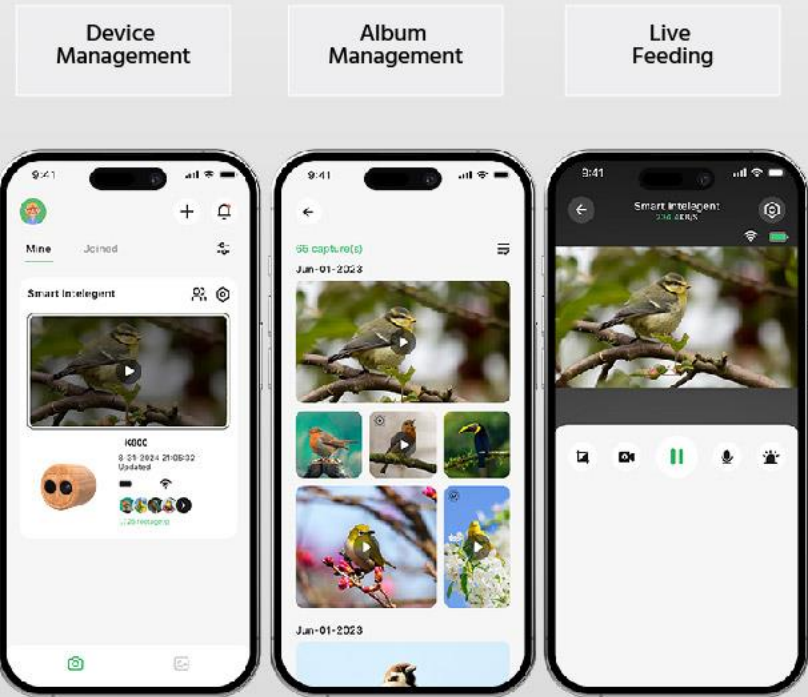


Easily Attach to Any Bird Feeder

Flexible mounting bracket for easy installation on any bird feeder

K800

FUNCTIONS



BK800

TECHNICAL SPECIFICATIONS



Lens

DFOV	94°
F No.	F/4.0

Wireless Mode

WiFi	WiFi; 2.4GHz/5GHz
Bluetooth	Support

Capture Mode

Capture Mode	Photo/Video/Photo+ Video/Slow Motion
Zoom	1 - 4X

Trigger Time

Trigger Time	400ms
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Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Interface

USB Port	Type-C
DC Port	Support

Certification

Certification	CE; FCC ID; FCC SDOC; RoHS; MSDS; UN38.3; IP66
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Photo

Stored Photo Size	3MP/8MP/16MP/32MP
Send Photo Size	3MP/8MP/16MP/32MP

Video & Audio

Video resolution	4K/2K/720P
Sent Video Size	4K/2K/1080P/720P
Microphone	Support

FW Update

USB Update	Support
OTA Update	Support

Memory

Local Storage	Internal Storage (EMMC): 64GB
Cloud Storage	Support

Power Supply

Battery Supply	3.7V, 3000mAh
DC Supply	5V

iOS/Android APP

iOS/Android APP	"BirdKam"
iOS/Android System	Support

LED

Indicator Light	1pcs; Status Indicator: Green/Yellow/ Red 3 - Colored LED
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Ambient

PIR	Angle: 80° Range: Maximum support of 2m
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Weight & Dimensions

Weight	Camera: 140g (Include Internal WIFI Antenna)
Dimensions	Camera: 5.90*5.90* 6.28(cm)

Transmission Mode

Remote Control	Support
TCP	Support
HTTP(s)	Support
MQTT	Support

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

K750

Discover Nature in Stunning 4K with SONY 8MP Sensor



10000mAh
Rechargeable Battery



Live
Stream



IP66
Waterproof



Two-way
Audio



Real-time
Notification



2.4GHz/5GHz
Wi-Fi

K750

SMART BIRD FEEDER CAMERA



K750

HIGHLIGHTS

PAINTED BUNTING



Birds

Our advanced AI can identify over 10,000 bird species with 95% accuracy and send push notifications directly to the app



24/7 Real-time View Live Streaming

Round - the - clock real - time visuals. With fast data and stable streams, enjoy clear views anytime



Full-Color Night Vision

Provides vivid full-color images at night for clear views in diverse scenarios

K750

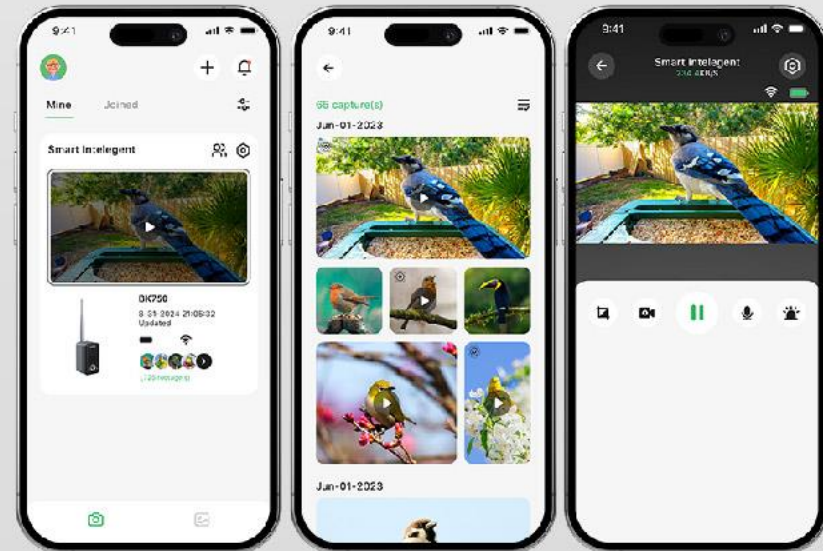
FUNCTIONS



Device
Management

Album
Management

Live
Feeding



BK750

TECHNICAL SPECIFICATIONS



Lens

DFOV	94°
F No.	F/4.0

Wireless Mode

WiFi	WiFi; 2.4GHz/5GHz;
Bluetooth	Support

Trigger Time

Trigger Time	0.4s
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Capture Mode

Capture Mode	Photo/Video/Photo+ Video
--------------	-----------------------------

Day and Night Detection

Day Mode	Color
Night Mode	Color

Interface

SD Card	TF Card
USB Port	Type - C

Interface

Local Storage	SD Card: 8GB - 32GB
Cloud Storage	Support

Photo

Stored Photo Size	3MP/8MP/16MP/32MP
Send Photo Size	3MP/8MP/16MP/32MP
Multi-shot	1P/2P/3P/4P/5P

Video & Audio

Video resolution	4K/2K/1080P/720P
Sent Video Size	1080P/720P
Microphone	Support

Power Supply

Battery Supply	3.7V, 10000mAh
DC Supply	5V

Ambient

PIR	Angle: 80° Range: Maximum support of 2m
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iOS/Android APP

iOS/Android APP	"BirdKam"
iOS/Android System	Support

Certification

Certification	CE; FCC ID; FCC SDOC; RoHs; MSDS; UN38.3; IP66
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LED

Indicator Light	1pcs; Status Indicator: Green/Red Bi-Colored LED 1pcs; Power Indicator: Green/Red Bi-Colored LED
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Weight & Dimensions

Weight	Camera: 407g (Include WIFI Antenna) Camera+Feeder: 2.35kg
Dimensions	Bird feeder: 20.0*24.6*34.5(cm) Extended stand: 20.0*18.6*150(cm)

Transmission Mode

Remote Control	Support
TCP	Support
HTTP(s)	Support
MQTT	Support

Environment

Waterproof spec	IP66
Operating Temperature	-20°C - 55°C
Storage Temperature	-25°C - 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

K600

A Precise and Rapid Specialist in Bird Identification



5000mAh
Rechargeable Battery



Live
Stream



IP66
Waterproof



Two-way
Audio



Real-time
Notification



2.4GHz/5GHz
Wi-Fi

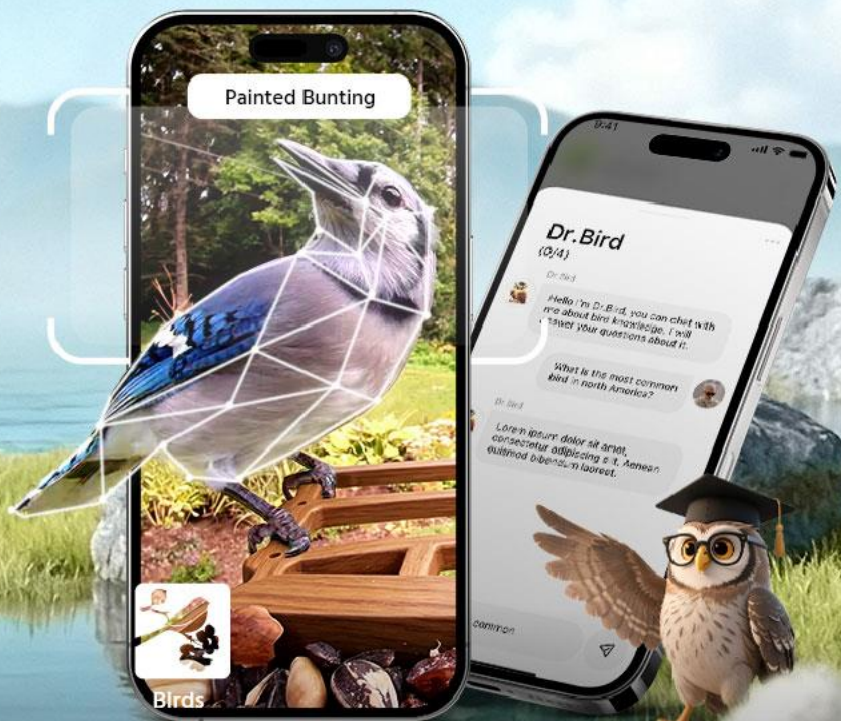
K600

SMART BIRD FEEDER CAMERA



K600

HIGHLIGHTS



Our advanced AI can identify over 10,000 bird species with 95% accuracy and send push notifications directly to the app



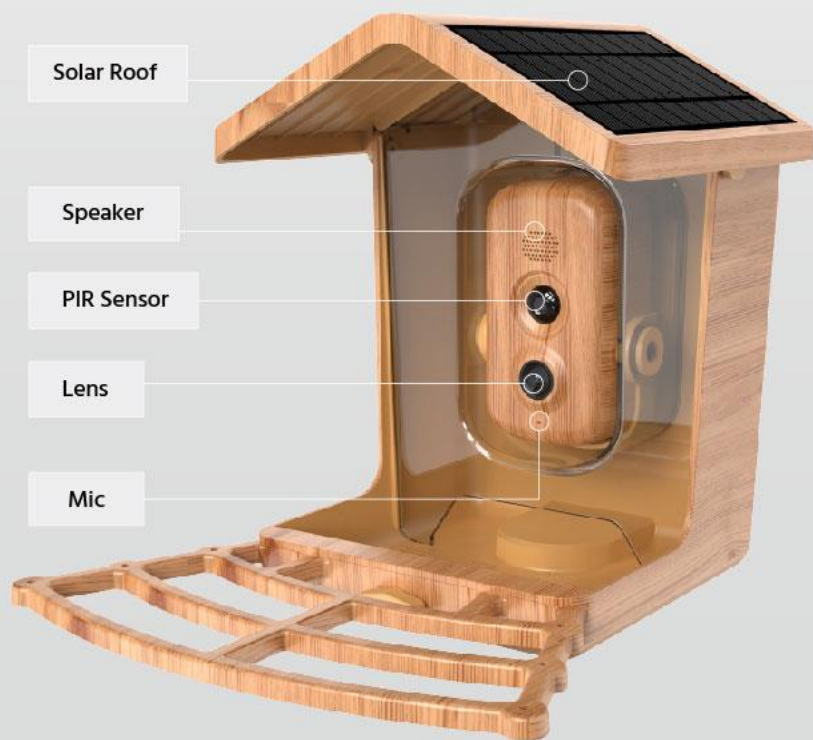
24/7 Real-time View Live Streaming
Round - the - clock real - time visuals. With fast data and stable streams, enjoy clear views anytime



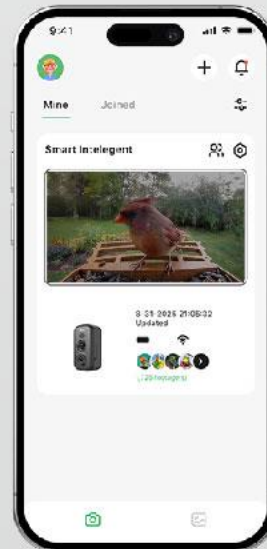
Slow-Motion Photography
Industry leading slow-motion feature to capture every bird's flocking wings in motion

K600

FUNCTIONS



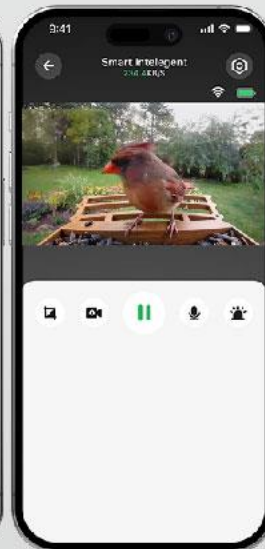
Device
Management



Album
Management



Live
Feeding





K600

TECHNICAL SPECIFICATIONS

Lens

Field of View 130°

Wireless Mode

WiFi WiFi; 2.4GHz/5GHz;

Bluetooth Support

Trigger Time

Trigger Time 400ms

Capture Mode

Capture Mode Photo/Video/Photo+ Video

Day and Night Detection

Day Mode Color

Night Mode Black - and - White

Interface

SD Card TF Card

USB Port Type - C

Interface

Local Storage SD Card: 8GB - 128GB

Cloud Storage Support

Photo

Stored Photo Size 3MP/8MP/16MP/32MP

Send Photo Size 3MP/8MP/16MP/32MP

Multi-shot 1P/2P/3P/4P/5P

Video & Audio

Video resolution 4K/2K/1080P/720P

Sent Video Size 1080P/720P/480P

Microphone Support

Power Supply

Battery Supply 5000mAh

DC Supply 5V

Solar Panel 2.5W*2

Ambient

PIR Angle: 80°

Range: Maximum support of 2m

iOS/Android APP

iOS/Android APP "BirdKam"

iOS/Android System Support

Certification

Certification CE; FCC ID; FCC SDOC; RoHs; MSDS; UN38.3; IP66

LED

Indicator Light 1pcs; Status Indicator: Green/Red Bi-Colored LED

1pcs; Power Indicator: Green/Red Bi-Colored LED

Weight & Dimensions

Weight 992g

Dimensions 24.89*25.15*30.99(cm)

Transmission Mode

Remote Control Support

TCP Support

HTTP(s) Support

MQTT Support

Environment

Waterproof spec IP66

Operating Temperature -20°C - 55°C

Storage Temperature -25°C - 60°C

Operation Humidity 5% - 90%

Storage Humidity 40% - 60%

A photograph of a narrow, paved road winding through a dense forest. Sunlight filters through the trees, creating a warm, golden glow and long shadows on the road surface. The word "ACCESSORIES" is centered in white, bold, sans-serif capital letters.

ACCESSORIES

SP700

Powerful Solar Panel, Enhanced Efficiency and Best Value-For-Money



5W(±5%)
Solar Charger Power



5V
Voltages



IP66
Dustproof and Waterproof

Interface

Input	N/A
Output	DC(4.4x1.6mm), 5V/1A

Mechanical

Dimensions	236mm* 136mm*25mm
Weight	247g

Environment

Operation Temperature	-20°C to 55°C
Storage Temperature	-25°C to 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%



SP700

SOLAR CHARGER



SP100 Pro

Powerful Solar Panel, Enhanced Efficiency and Best Value-For-Money



2500mAh
Lithium Battery



3W(±5%)
Solar Charger Power



7.4V
Voltages



IP66
Dustproof and Waterproof

Interface

Input	USB Type-C 5V
Output	DC 12V

Mechanical

Dimensions	142mm* 160mm*27mm
Weight	285g

Environment

Operation Temperature	-20°C to 55°C
Storage Temperature	-25°C to 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%



SP200

Efficient, Energy Saving and Environmental Protection



5000mAh
Lithium Battery



5W(±5%)
Solar Charger Power



7.4V
Voltages



IP66
Dustproof and Waterproof

Interface

Input	DC (4.4x1.6mm) , 5V / 2A
Output	DC (4.4x1.6mm) , 12V / 1A (1.5A max) DC (4.4x1.6mm) , 6V / 1.5A (2A max)

Mechanical

Dimensions	185mm* 170mm*27mm
Weight	450g

Environment

Operation Temperature	-20°C to 60°C
Storage Temperature	-25°C to 65°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%



SP200
SOLAR CHARGER



SP210

Efficient, Energy Saving and Environmental Protection



5000mAh
Lithium Battery



5W(±5%)
Solar Charger Power



7.4V
Voltages



IP66
Dustproof and Waterproof

Interface

Input	Type-C, 5V / 3A; 9V / 2.2A; 12V / 1.6A; 20W (MAX)
Output	DC (4.4x1.6mm) , 12V / 1A (1.5A max) DC (4.4x1.6mm) , 6V / 1.5A (2A max) Type-C, 5V / 3A

Environment

Operation Temperature	-20°C to 55°C
Storage Temperature	-25°C to 60°C
Operation Humidity	5% - 90%
Storage Humidity	40% - 60%

Mechanical

Dimensions	185mm* 170mm*27mm
Weight	460g



SP210
SOLAR CHARGER



M2.0

Support Screws Installation, Compatible with SP200 Solar Charger

Connectivity technology	Shaft connection
Load capacity	3kg
Material	ABS plastic and metal
Rotation angle horizontal	180°
Rotation angle vertical	180°



M2.0
MOUNTING BRACKET

M1.0

Support Screws Installation, Compatible with SP100-Pro Solar Charger

Connectivity technology	Shaft connection
Load capacity	3kg
Material	ABS plastic and metal
Rotation angle horizontal	360°
Rotation angle vertical	90°



M1.0
MOUNTING BRACKET



A person is running on a rocky, uneven trail that winds through a mountainous landscape. The runner, seen from behind, is wearing a white long-sleeved shirt, black shorts, and red running shoes. The trail is surrounded by dense green shrubs and bushes. In the background, large, light-colored rock formations with sharp peaks rise against a clear sky. The overall scene conveys a sense of outdoor adventure and fitness.

SMART BINOCULARS
THERMAL SCOPE

S7

AI-Powered 25X Zoom Stabilized Smart Binoculars



2.7K
Video



0.49-inch
Two AMOLED screens



Autofocus
Zooming



GPS
Location Pin



Live
streaming



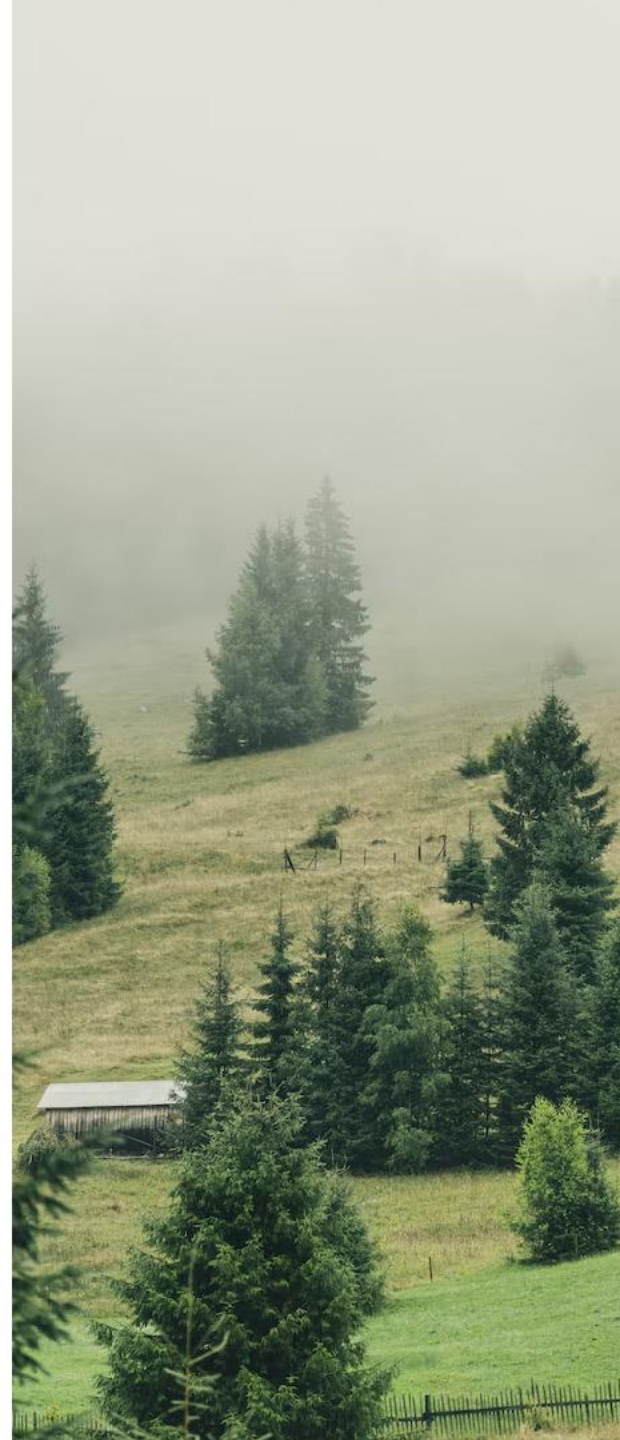
10K+
AI bird recognition



6 hours
Powerful battery



IP66
Weatherproof



S7

HIGHLIGHTS



Red - billed Leiothrix



Birds



Mammals

Our AI offers 95% accuracy on more than 10000+ detected bird species. It offers instant response without any lag



Gyro Compass

Our binoculars can show the exact position of the place you just observed through our advanced gyroscope-based positioning device



Without 25x zoom stabilizer



With 25x zoom stabilizer

S7

FUNCTIONS



S7

TECHNICAL SPECIFICATIONS



Lens

Objective lens	40.8mm
Magnification	Optical 1~25×
Shortest focusing distance	3m

General

Protection type	IP66
Operating temperature range	-25°C~55°C
Length × width × height	17.8*15*8.7(cm)
Weight	980g

Display

Display type	0.49" AMOLED, 2×, 1920×1080
Exit pupil distance	10mm
Interpupillary distance	55-70mm
Diopter	-7~4+

Electronics

Battery life	6h
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Features

Objective lens	Day, Night	Bluetooth	Yes
Video/image	Photo/Video	Interface	USB Type-C
Video resolution	2688×1520	GPS	Yes
Autofocus	Yes	Compass	Yes
Live-streaming feature	Yes	Gyroscope	Yes
Image Stabilization	EIS	Tripod	Yes
AI-based Recognition	Yes (bird 10K+, animal 30)	Standby Mode	Yes
Memory capacity	32GB/64GB	LRF	can be customized
WIFI	2.4G		

C8

Advanced Thermal Scope with 1000m Laser Rangefinder



640×512
High Resolution



≤25mK
NETD



50Hz
Fast Refresh Rate



PiP
Screen display modes



12μm
Thermal Detector



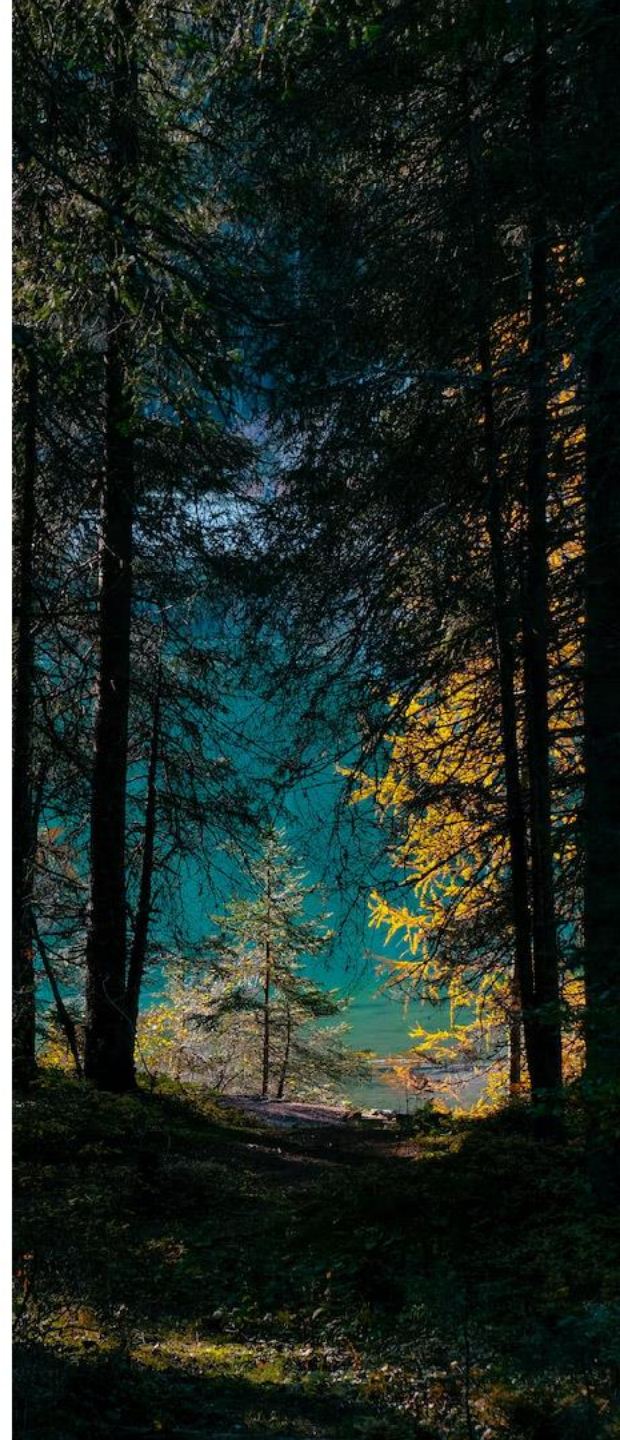
Shot-Activated
Video Recording



10 hours
Working hours



IP67
Weatherproof

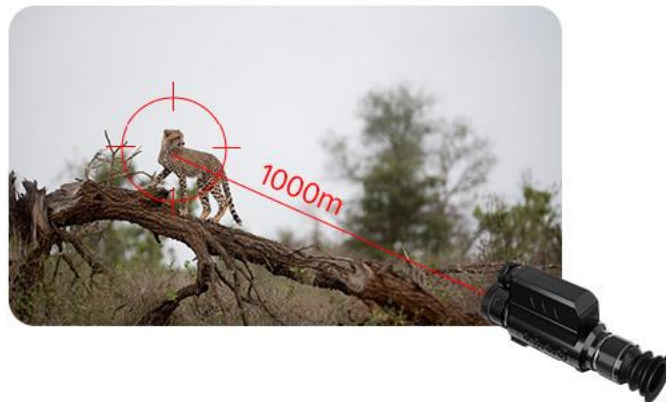


C8

HIGHLIGHTS

Person

Now Comes with AI Recognition
and Intelligent Tracking



High-Precision Laser Rangefinder

Precise rangefinder with $\pm 1\text{m}$
deviation at 1000m

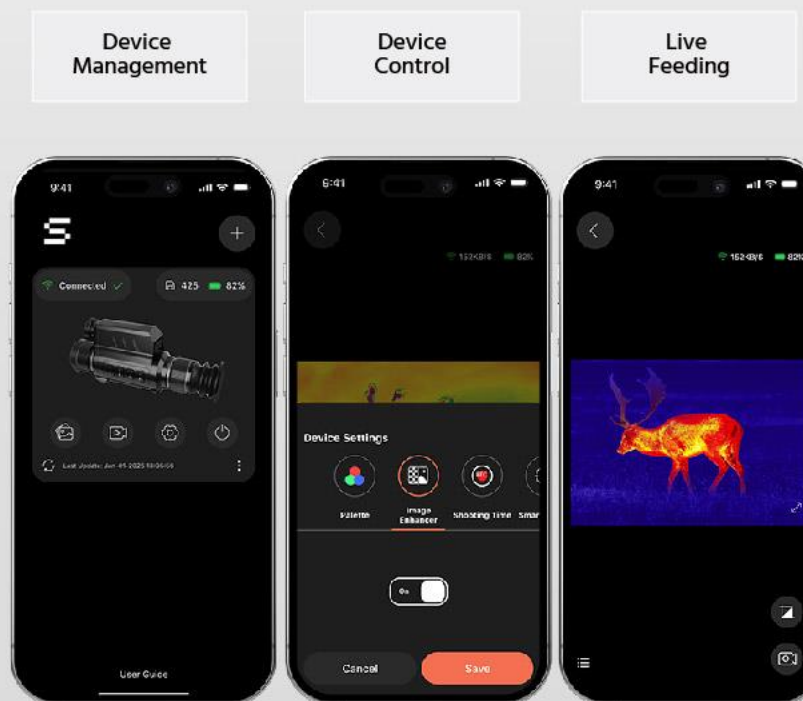


Adjustable Color Palettes

4 color palettes and 5 types of reticles

C8

FUNCTIONS



C8

TECHNICAL
SPECIFICATIONS

Sensor

Resolution	640×512/12μm
Frame rate	50Hz
sensor NETD	≤30mK
system NETD	≤25mK

General

Protection type	IP67
Operating temperature range	-20°C~55°C
Length × width × height	24.8*10.2*6.7(cm)
Weight	890g(including battery)

Display

Display type	AMOLED
Display resolution	1024×768, 0.39inch

Optics

Focal length	50/F1.0
Detection range (object size 1.8m×0.5m)	2600m
Field of view	7.2°×5.8°
Optical magnification	2
Maximum digital zoom	1×, 2×, 4×
Diopter Adjustment	-5° + 5°
Eye relief	50mm

Features

FFC (flat field correction)	Yes	Sleep mode	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion	Internal memory	32GB eMMC
Highest Temperature Spot Tracking	Yes	Video/image/live - streaming feature	Yes
Intelligent tracking	Yes	Wi - Fi hotspot	Yes
AI - based Vehicle and Human Recognition	Yes	Compass calibration and motion sensor	Yes
Reticle	5 types, 4 colors, on/off	Max. Recoil	1200g/0.4ms
Zeroing	Yes		
Laser Range Finder	Up to 1000m, ±1m accuracy		
Picture in picture	Yes		

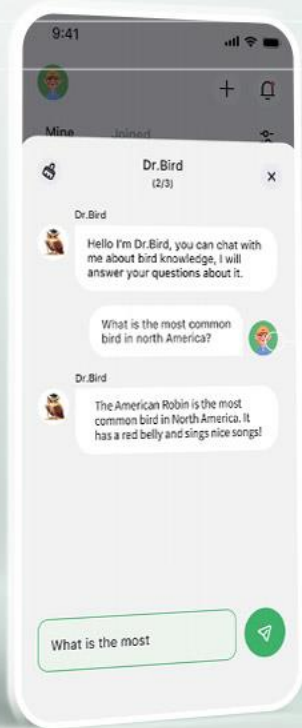
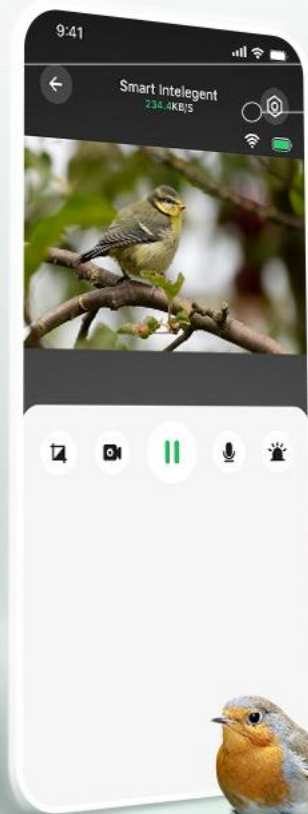
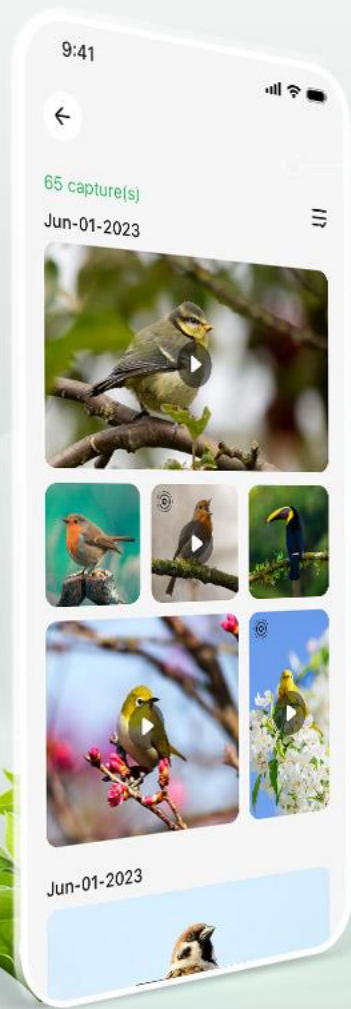
Electronics

Battery life	10h (25°C)
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The image features a dark, high-tech background resembling a complex circuit board. A central, glowing green square component is the focal point, with the text "APP&AI" displayed in white on its top surface. This central component is surrounded by intricate, glowing green circuitry and data lines that radiate outwards, creating a sense of dynamic energy and technological sophistication. The overall aesthetic is futuristic and digital.

APP&AI

BirdKam APP

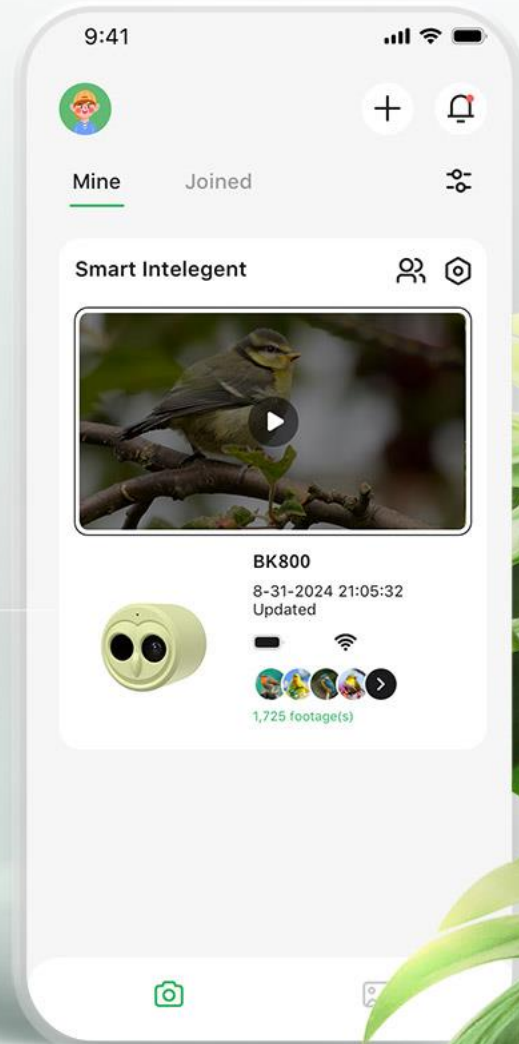


Album
Management

Live
Feeding

AI
Features

Device
Management



Trailcam Ace APP

Data Plan Management

Status Management

Album Management

Device Management

Basic/Monthly

\$119.99

- 800 Pics/Videos per month
- 365 days cloud storage
- 3 sharing groups
- 20 HD Photos/ Video per month
- 10 mins live stream per month

Camera Name

YYYY/MM/DD HH/MM/SS

Supreme/Yearly

Valid till Mar 16,2023 8:00:00

Purchase



99999

15°C

15%

80%

100

Details >

GPS

Now

Live

Share(2)

Settings

Trailcam Ace

Cloud

Gallery

1,433 items

Jul. 29, 2023

Select



16:32:56



16:32:56



6:32:56



16:32:56



6:32:56



16:32:56

Jul. 29, 2021

Map

Cameras

Cloud

Account



Signal: 5,-91



Temp: 50°C/122°F



Battery: 70%, 8.4V



SD: 2961M

Night Vision Colorization

Technology of Full Color for Night Vision, Supports
Deployment on Cloud Server.



Without Night Vision Colorization



With Night Vision Colorization

Animal Recognition

- ▶ Animal Recognition algorithm is able to identify 20+ species:



- ▶ Supports identification of three types of outdoor vehicles:



- ▶ Flexible deployment on Mobile, device and cloud



