

Ranger Dual

6MP/8MP/10MP

H.265 Indoor Dual-lens PT Camera

By Imou Team





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- 02 Key Features & Benefits
- 03 Comparison
- 04 Application
- 05 Ordering Information

Introduction



Full Color

Ranger Dual 6MP

The 3MP/2K Fixed lens and 3MP/2K PT lens provides two images in one camera. With the dual-lens live monitoring and panoramic pan & tilt feature, Ranger Dual ensures every corner of your home completely covered. It supports four night vision modes for clear-as day clarity even in pitch dark. Human/Pet detection quickly finds events in images and immediately sends a notification to you. With built-in spotlight and siren, Ranger Dual actively keeps unwelcome visitors away from what you care about. Privacy Mode helps protect your personal privacy when you are home, and Smart Tracking function lets the camera follows moving objects when it detects motion.



Two lens resolution total 6MP
3MP Fixed Lens + 3MP Pan & Tilt Lens



AI Human & Pet Detection
Quickly finds human/pet targets in your home



Smart Tracking
Automatically tracks moving objects



Privacy Mode
Hides the lens to protect your personal privacy



Active Deterrence
Scare away unwelcome visitors with built-in spotlight and siren



Two-way Talk
Real-time communicates with people at the camera



Smart Color Night Vision
Support four-mode night vision for clear-as day clarity even in pitch dark



Abnormal Sound Alarm
Sends alerts to your smartphone when it detects abnormal sound



Wi-Fi Connection
IEEE802.11b/g/n(2.4GHz)



Diversified Storage
Supports NVR, Cloud Storage or Micro SD card (up to 256GB)



Alarm Notification
Sends instant motion-activated alerts to your mobile phone



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Ranger Dual 8MP

The 3MP/2K Fixed lens and 5MP/3K PT lens provides two images in one camera. With the dual-lens live monitoring and panoramic pan & tilt feature, Ranger Dual ensures every corner of your home completely covered. It supports four night vision modes for clear-as day clarity even in pitch dark. Human/Pet detection quickly finds events in images and immediately sends a notification to you. With built-in spotlight and siren, Ranger Dual actively keeps unwelcome visitors away from what you care about. Privacy Mode helps protect your personal privacy when you are home, and Smart Tracking function lets the camera follows moving objects when it detects motion.



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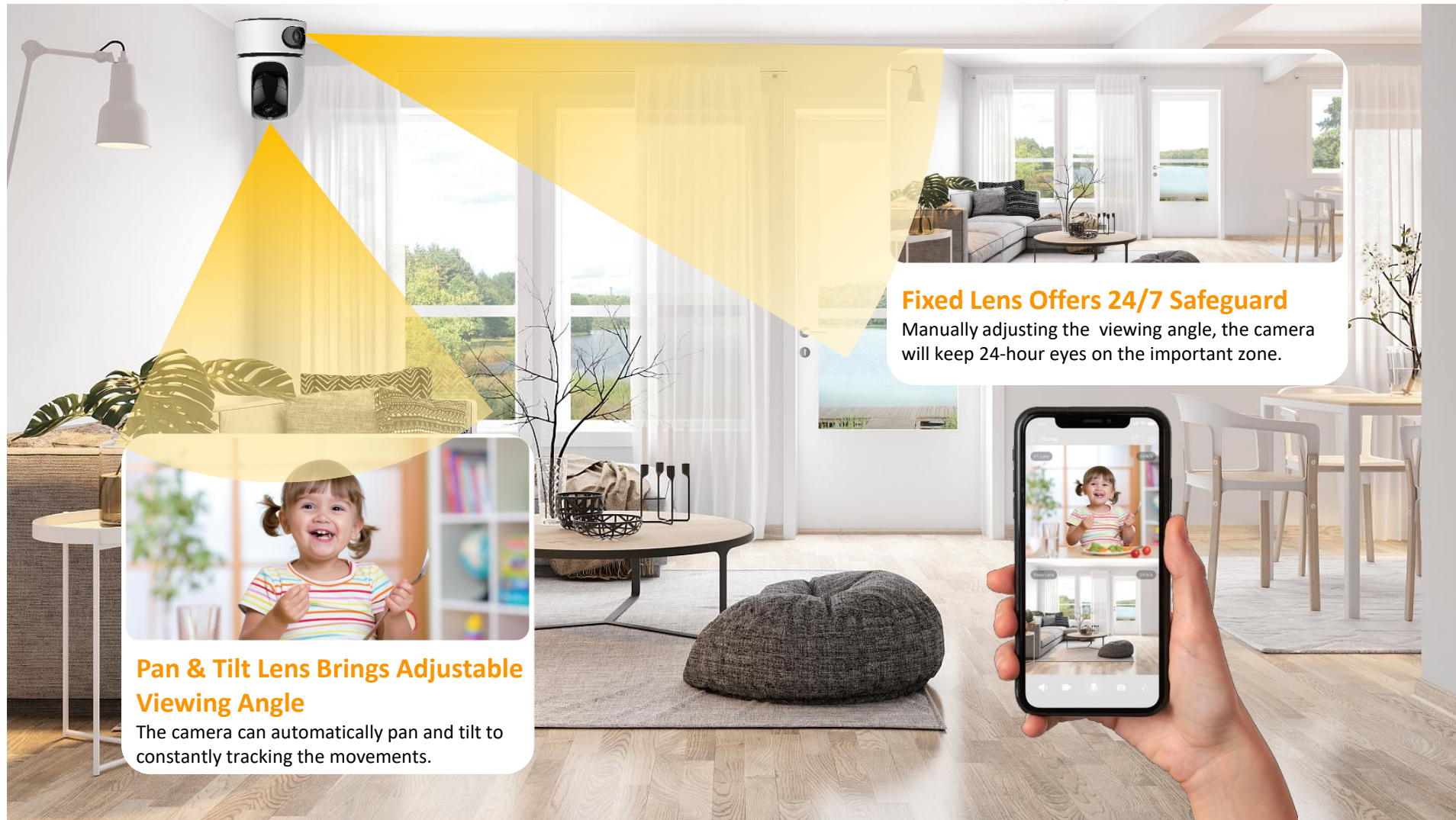
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Introduction

Benefits & Key Features

Dual Images in One Camera

Ranger Dual has two independent lenses. The fixed lens allows continuous monitoring of key areas; The PT lens supports horizontal and vertical rotation control, which also support to smart track moving targets. The user can watch both real-time live-views or video records on the APP at the same time. Ranger Dual takes everything in control.



Fixed Lens Offers 24/7 Safeguard

Manually adjusting the viewing angle, the camera will keep 24-hour eyes on the important zone.

Pan & Tilt Lens Brings Adjustable Viewing Angle

The camera can automatically pan and tilt to constantly tracking the movements.

Smart Color Night Vision

The both lenses support crystal clear infrared night vision. The PT lens also supports Four Smart Night Vision Modes, which provides clear full-color or black-and-white pictures even in complete darkness.



Infrared Mode (Default Setting)

Advanced IR algorithms provide clear **black-and-white** pictures even in darkness.



Color Mode

Thanks to the two built-in spotlights, your night vision is now lit up and in **full-color**. Color Mode also offers outdoor lighting for your home.



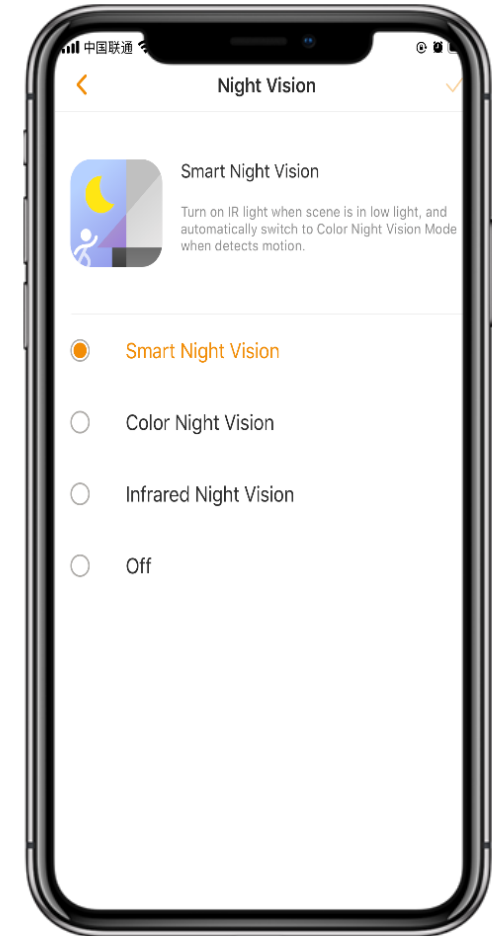
Smart Mode

If you switch to the Smart Mode, you can **enjoy black and white** night vision. The spotlights automatically turn on upon detection of suspicious motion, which shows you **vivid full-color image** when something happens.



Off Mode

Turn off all night vision modes
Infrared and spotlights all turned off

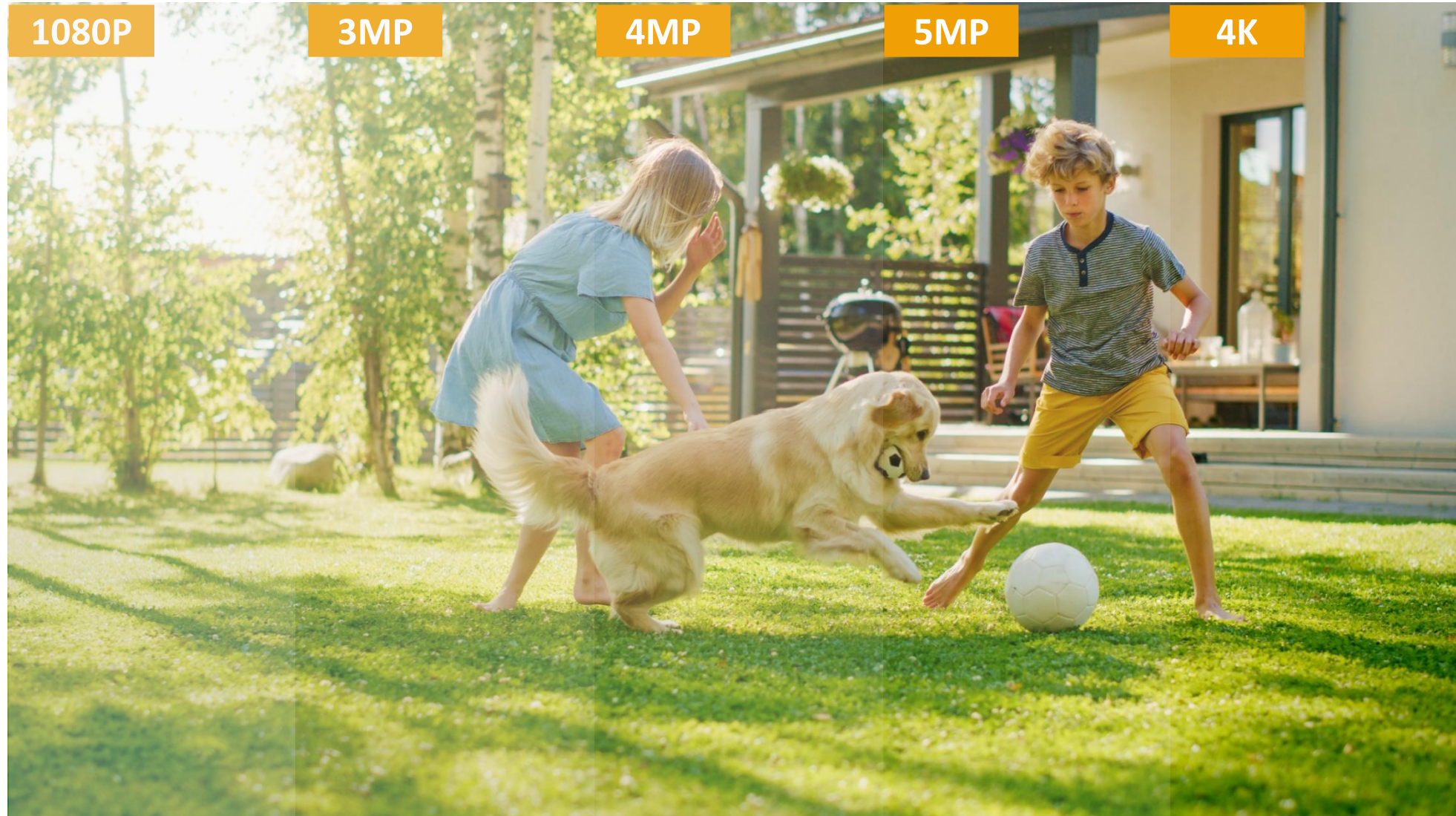


Benefits & Key Features

Up to 5MP 3K Video

The fixed lens and PT lens of Ranger Dual support 2K (3MP) or 3K (5MP) resolution. High quality sensors present crystal clear videos and recordings.

Ranger Dual 8MP: 3MP fixed lens + 5MP PT lens; Ranger Dual 6MP: 3MP+3MP; Ranger Dual 10MP: 5MP+5MP



The Latest H.265 Compression

Reduce network and storage usage by 50% at the same video quality.



H.264: **10-day** continuous recording on a 256GB Micro SD card(3MP camera)

H.264: **7-day** continuous recording on a 256GB Micro SD card(5MP camera)

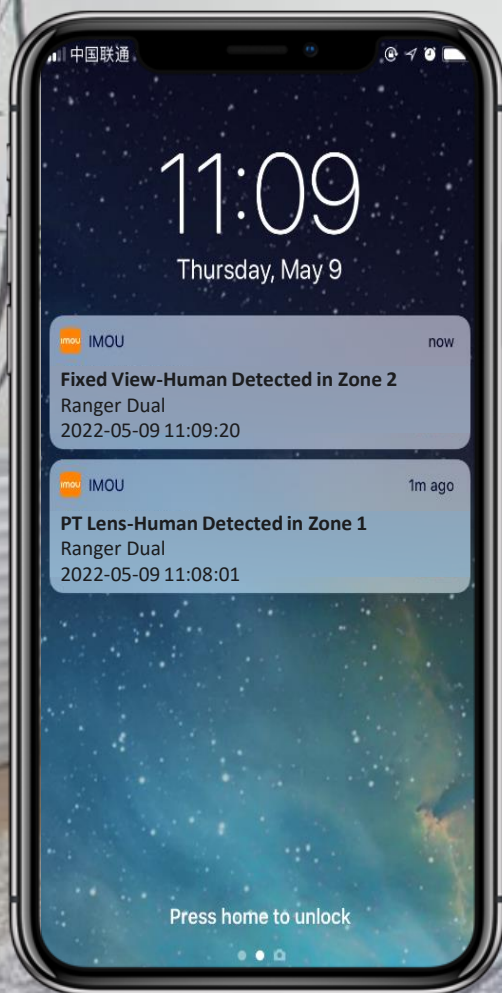
H.265: **20-day** continuous recording on a 256GB Micro SD card(3MP camera)

H.265: **14-day** continuous recording on a 256GB Micro SD card(5MP camera)

AI Human Detection



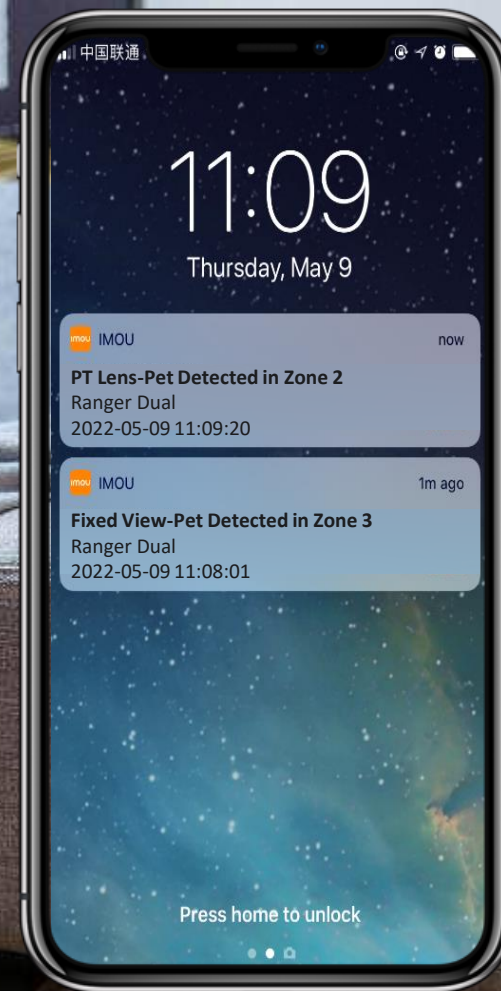
Based on powerful AI algorithm, the camera can quickly finds human targets in images and immediately sends a notification to your smartphone, allowing you to monitor what matters without receiving annoying false alerts



Benefits & Key Features

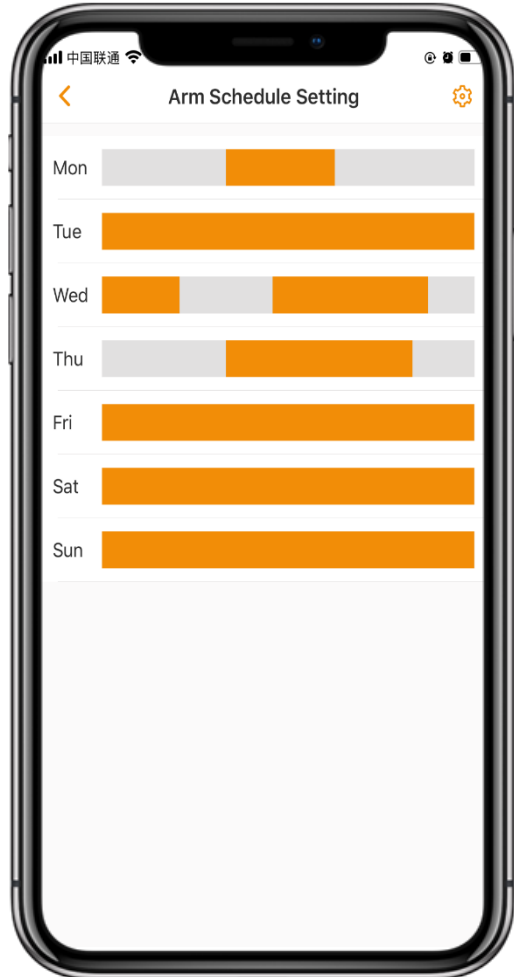
AI Pet Detection

Based on AI algorithm, the camera can find pet targets in images and help you to capture the vivid images and videos for lovely moments.



Alarm Schedule

The two lenses support alarm schedule setting separately, you can choose anytime you want arm or not.



Detection Region

Tap and select grid to set motion detection area for each lens separately.
No alarm will be triggered when motion is detected in the non-motion detection area.



Active Deterrence

When the camera detects intrusion, with built-in spotlight turns on and siren starts to alert, Ranger Dual actively keeps unwelcome visitors away from what you care before you notice them.



Benefits & Key Features

Customizable Alarm Ringtone

Set customized voice recording on Imou App for personalized siren, or for other actual requirements.



Smart Tracking

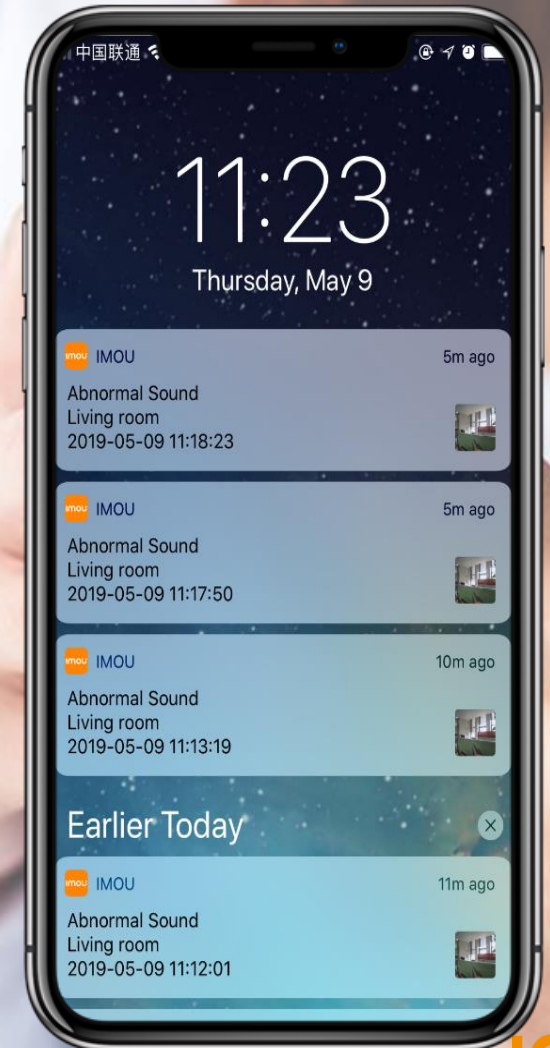
Ranger Dual can automatically focus on and follow moving objects. You will receive real-time notice when someone breaks in, and you can check the recordings to track the whole process.



Benefits & Key Features

Abnormal Sound Alarm

Sends instant alerts to your smartphone whenever it detects baby's crying or other abnormal sounds, keeping you aware of what's going on at home from anywhere.



Benefits & Key Features



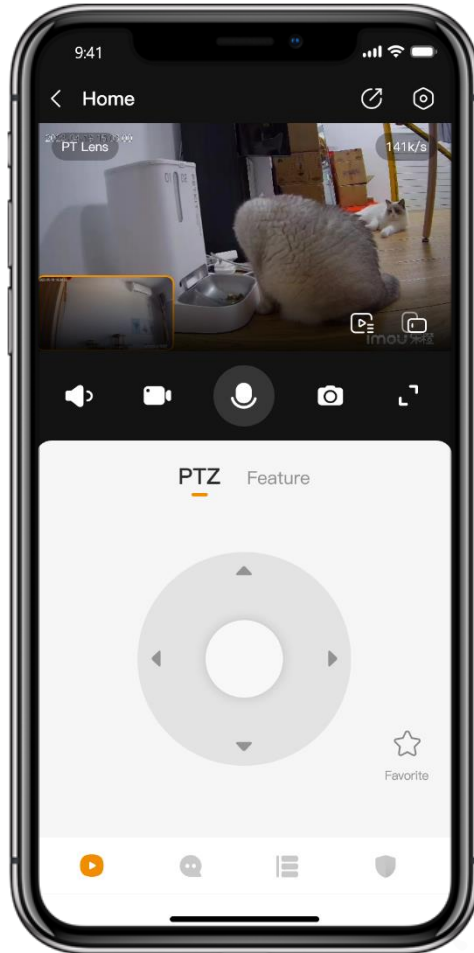
Full-duplex Two-way Talk

Built-in speaker and microphone allow you to interact with pets and family or dissuade unwelcome guests.

Benefits & Key Features

0~355° Pan & 0~90° Tilt

The user can rotate the PT lens to view every corner of your home.
The full range ensures no blind spots;



0 ~ 90° Tilt

0 ~ 355° Pan

Adjustable View Angle to Avoid Image Inclined

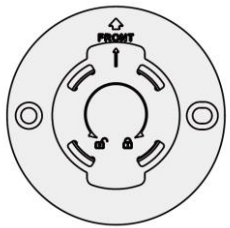
With the mounting plate, the camera supports to manually adjust 360° horizontally. The fixed lens angle can be manually adjusted from 0 to 15° vertically.

The Innovative design could avoid PT lens image inclined during rotation.

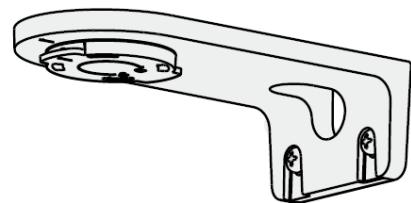
Horizontal 360° by manual



Fixed Lens: 0 ~ 15°
Vertical, by manual



Mounting plate in box



Wall mounting bracket
(not in box)



The images of Ranger Dual keep straight.

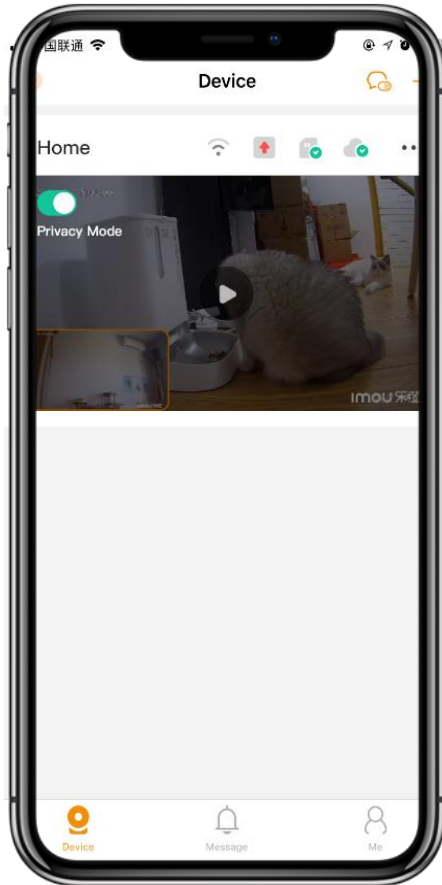
In order to adjust the fixed lens, the PT image would be inclined in the case below.



Benefits & Key Features

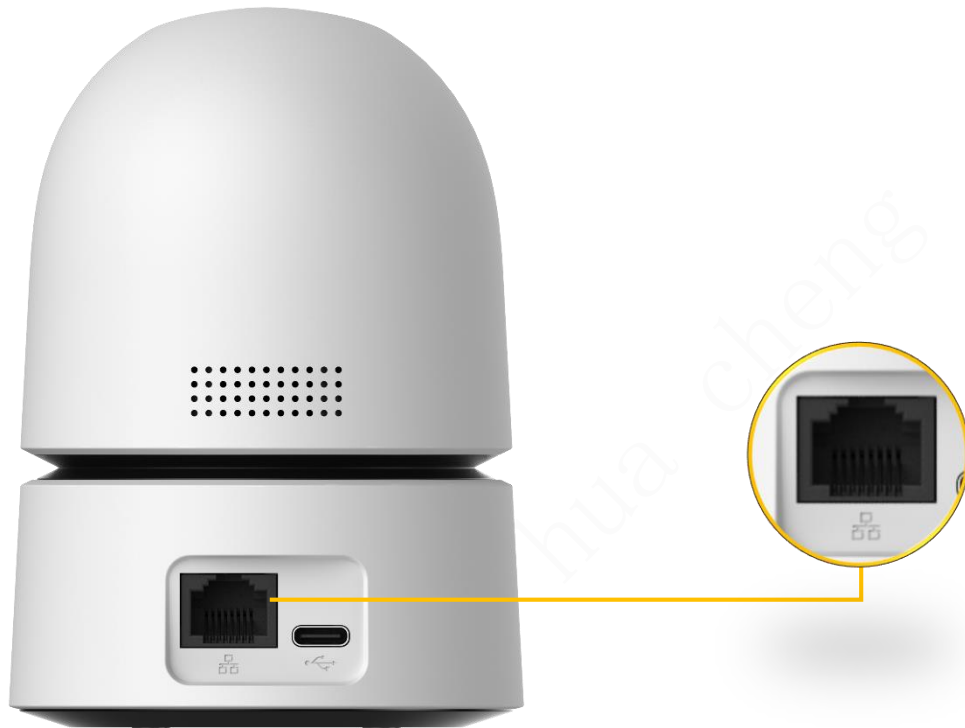
Privacy Mode

One click on Imou app to hide the camera PT lens, and to stop collecting any video and sound from the same time, which protects your personal privacy when you are home.



Network Port

Ranger Dual can be used in two ways of networking, it supports both Wi-Fi and network cable connection.



Benefits & Key Features

Diversified Storage

Video is easily stored and accessed through SD Card, NVR or Cloud storage.

Cloud Storage (included in Imou Protect)

7-DAY Playback
(included in Imou Protect Basic plan)
PER CAMERA

\$2.99 Monthly
\$29.99 Annual

30-DAY Playback
(included in Imou Protect Plus plan)
PER CAMERA

\$6.99 Monthly
\$69.99 Annual

A free 30-day trial is available for every new registered Imou device
Cloud recordings storage is based on alarms, let you never miss the moments

Local Storage

Ranger Dual supports 7*24 continuous recording in Micro SD card (up to 256GB)





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Comparison



Imou Ranger Dual



EZVIZ C6W



Eufy P24-2K

	Imou Ranger Dual	EZVIZ C6W	Eufy P24-2K
Model	IPC-S2X-XX	/	/
Resolution	6MP: 3MP+3MP 8MP: 3MP (Fixed)+5MP (PT) 10MP: 5MP+5MP	4MP	2K
PT Angle	0~355° Pan, 0~90° Tilt	340° Pan, 75° Tilt	360° Pan, 96° Tilt
Night Vision	Four Smart Color Night Vision Modes 15m(49ft)	IR Mode 10m(33ft)	IR Mode 10m(33ft)
Video Compression	H.265 & H.264	H.265 & H.264	H.265 & H.264
Audio	Full-duplex Two-way talk	Full-duplex Two-way talk	Full-duplex Two-way talk
Privacy Mask	Yes	Yes	Yes
Zoom	8x Digital Zoom	4x Digital Zoom Auto Zoom Tracking	8x Digital Zoom
Smart Tracking	Yes	Yes	Yes
AI Detection	Human/Pets	Human	Human/Pets
Activate Deterrence	Light and Customizable Alarm Sound	Sound	Sound
Abnormal Sound Alarm	Abnormal Sound	NA	Crying
Wi-Fi	2.4GHz & RJ45	2.4GHz & RJ45	2.4GHz
Storage	Micro SD Card (up to 256GB) Cloud Storage + NVR	Micro SD Card (up to 256GB) Cloud Storage	Micro SD Card (up to 128GB) Cloud Storage



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Multiple Scenarios



Home Desktop/ Ceiling Mounting



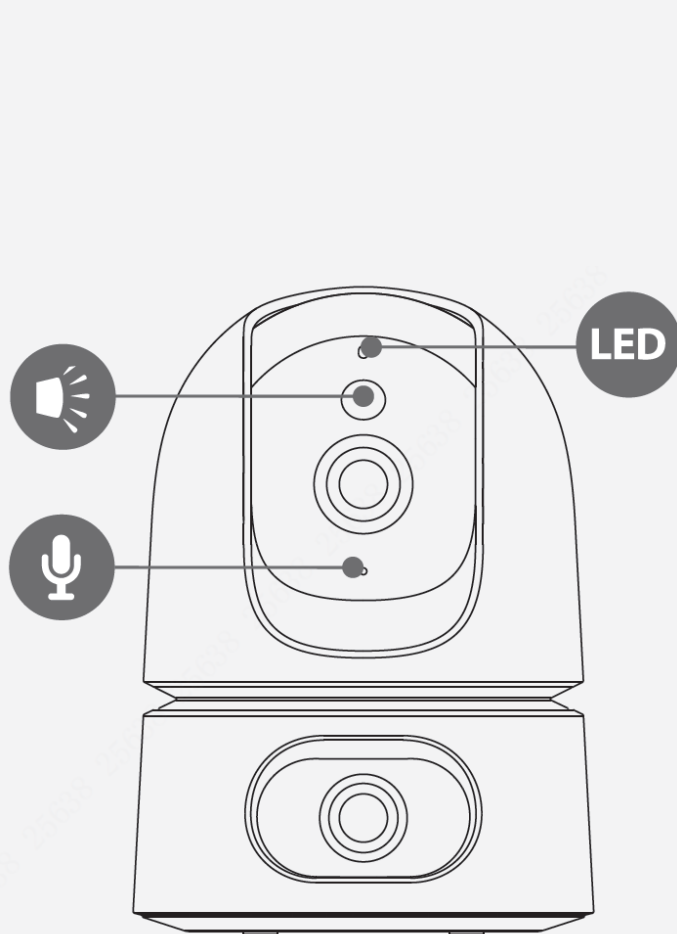
Office Desktop/ Ceiling Mounting



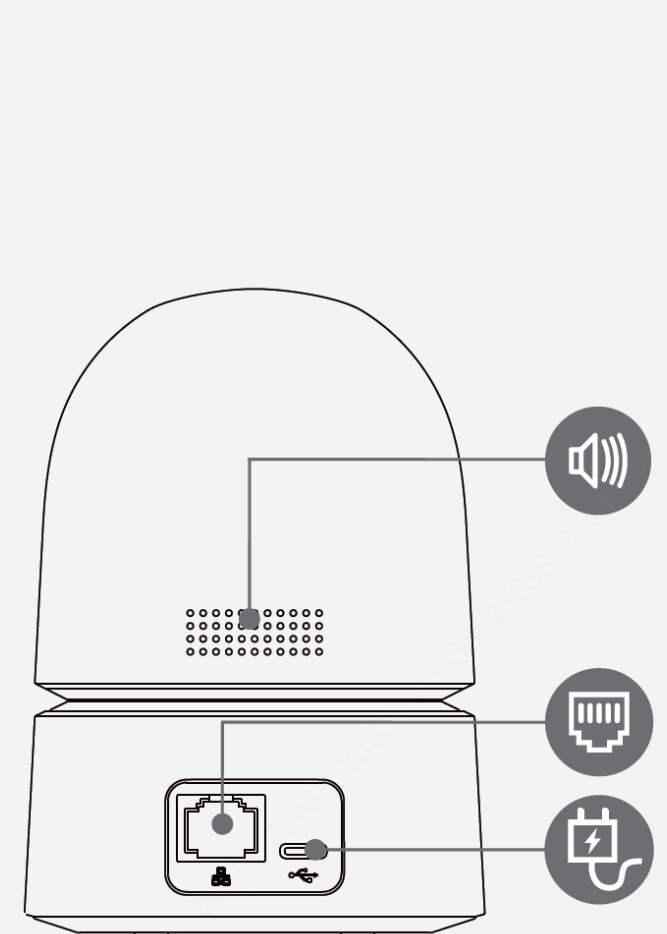
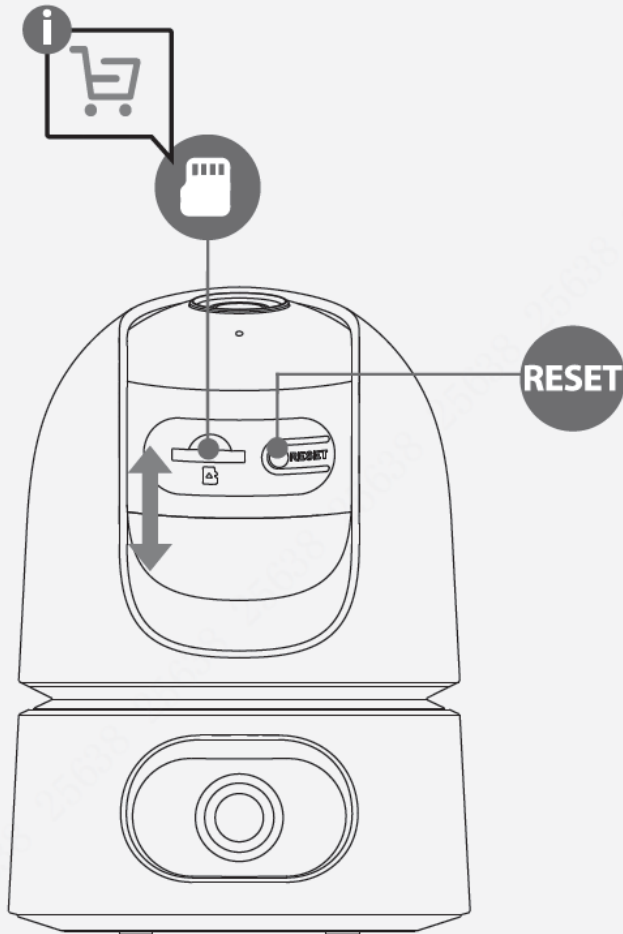
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Appearance

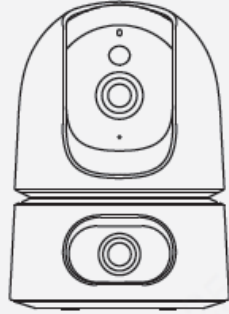


Front View

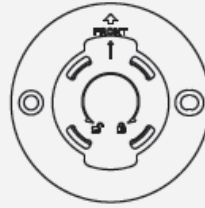


Back View

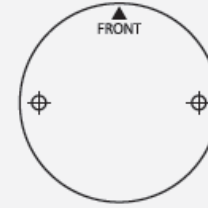
What's in the box ?



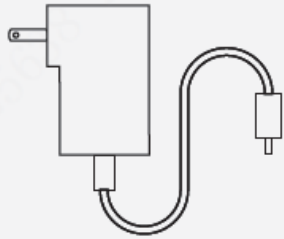
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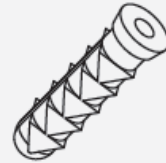
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×1



×1



×4

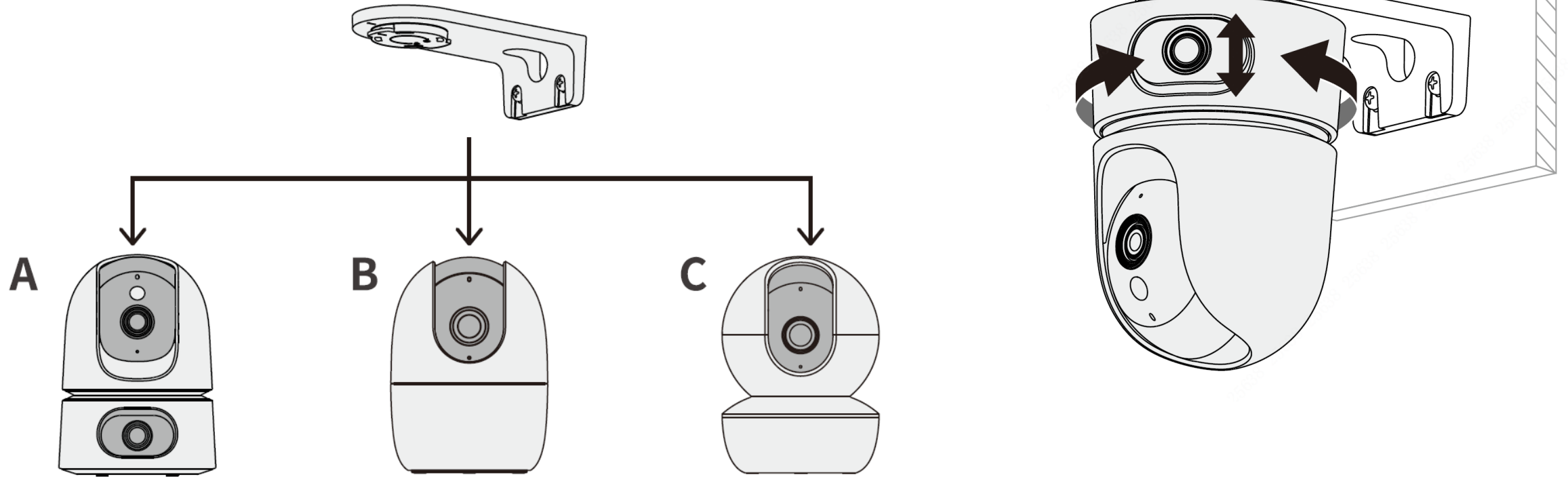


×4



×1

Wall Mounting Bracket



Product Model

Website: <https://www.imoulife.com>.

Item Number	Nickname	External Model	Internal Model	Product Type
1.0.03.04.12061	Ranger Dual 6MP	IPC-S2XP-6M0WED	IPC-S2XP-6M0WED-imou	imou
1.0.03.04.12062	Ranger Dual 6MP	IPC-S2XN-6M0WED	IPC-S2XN-6M0WED-imou	imou
1.0.03.04.12065	Ranger Dual 8MP	IPC-S2XP-8M0WED	IPC-S2XP-8M0WED-imou	imou
1.0.03.04.12066	Ranger Dual 8MP	IPC-S2XN-8M0WED	IPC-S2XN-8M0WED-imou	imou
1.0.03.04.12106	Ranger Dual 10MP	IPC-S2XP-10M0WED	IPC-S2XP-10M0WED-imou	imou
1.0.03.04.12107	Ranger Dual 10MP	IPC-S2XN-10M0WED	IPC-S2XN-10M0WED-imou	imou
1.0.03.04.12099	PFB-S2X	PFB-S2X	PFB-S2X-imou	imou

THANK U

