

Laowa 24mm T14 2X Periprobe

Mount: Arri PL, Canon EF, Canon RF, Nikon F, Nikon Z, Sony FE, L mount





LAW
NEW IDEA NEW RUN
PERIPROBE 24mm T14

EX00381



Introduction

Laowa 24mm T14 2X Periprobe lens brought a new shooting possibility to the market. It is widely used in wildlife, table-top shootings, advertisements, and other creative works. The new 24mm T14 2x Macro Periprobe brings the probe lens to another level. Users could now explore more possibilities and shoot in a more handy way.

The new Periprobe inherits all the features from the old probe lens. It features **85° AoV** with a **periscope** and a very **close working distance**, which features a **bug-eye perspective**. The **2x magnification** allows for capturing subjects of different sizes with details. Users could poke the **long and waterproof barrel** into a tight space and underwater to obtain a unique perspective. The **LED Ring Lite** provides an extra light source. Users could also **switch the 90° periscope back to the 0° straight scope**. The lens could **rotate 360° along the axis** by using the clutch mechanism to unlock the orientation ring. **Additional accessories can also be installed** at the tip of the lens.



Overview

Features

- Bug-eye perspective
- 2x magnification
- Deep depth of field
- Long & tubular lens barrel
- Waterproof barrel
- LED Ring Lite
- 360° Rotation
- 0° & 90° interchangeable
- Extra threaded tip (1/4 20)

Usage

- Stay close to the ground
- Side shots
- Periscope
- Look up
- Look down
- 45° tilt-up
- Travel through tight space
- Spinning shots



Bug-eye perspective

The lens is able to focus really close to the subject i.e. 2cm/ 0.8" at 2x magnification. In the meantime, it has a wider perspective i.e. 85° than other macro lenses to create a 'Bug-eye perspective'.



2x Magnification

With 2x magnification, users would have higher flexibility to shoot subjects of different sizes. More details can be captured with higher magnification.



Deep depth of field

The Periprobe has a wider perspective than other telephoto macro lenses and the aperture range starts from T14 to T40; therefore, it would have a greater depth of field at close distances. It is beneficial when shooting wildlife and in a studio as more information of the background can be included.



Long & tubular lens barrel

The long and tubular lens barrel makes itself more accessible to different subjects. With the 40cm/15.7" long barrel, you could poke it into different tight spaces like tree holes, Lego houses, etc. Users could also stay at a safe distance from the subjects.



Waterproof front barrel

The front barrel of the periprobe is waterproof so users could make underwater shots without a housing to get unique shots that other lenses cannot do.



360° Rotation

Use the clutch mechanism to unlock the orientation ring for adjustment.



Lock to fix the position of the lens



Unlock to adjust the direction of the lens
/ Rotate it 360 degree for videos

Interchangeable lens tube

Users could also switch the 90° periscope back to the 0° straight probe.



Threaded Tip (1/4 20)

The threaded tip allows for the mounting of accessories like lighting or provides an attachment point for stabilization.



Periprobe usage demonstration



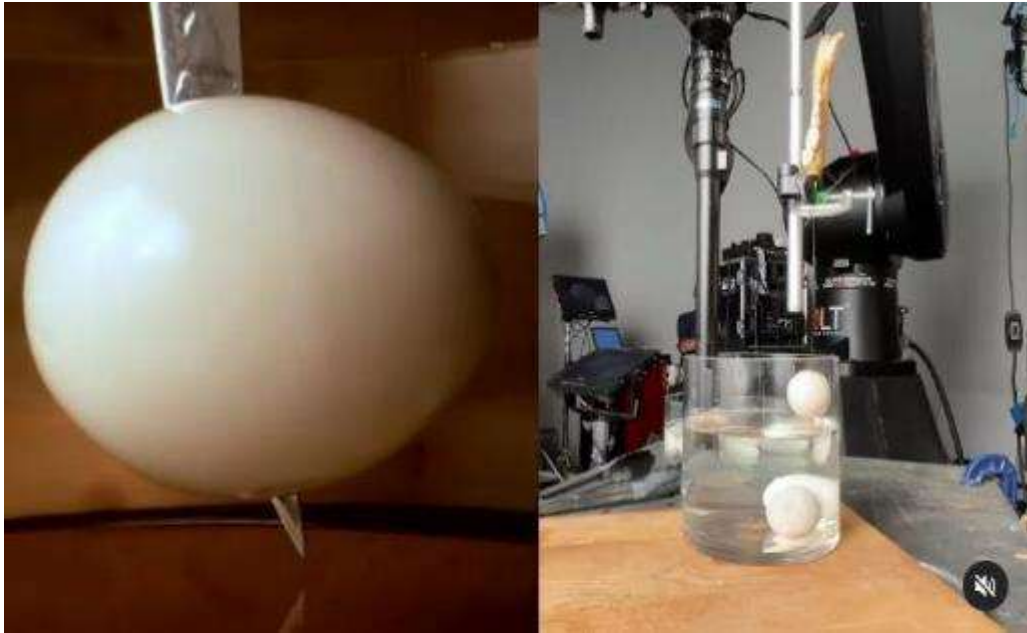
<https://www.youtube.com/watch?v=f6R24J4a7Fw>

Usage 1 – Stay close to the ground



<https://www.youtube.com/watch?v=8YrUWMubjVc>

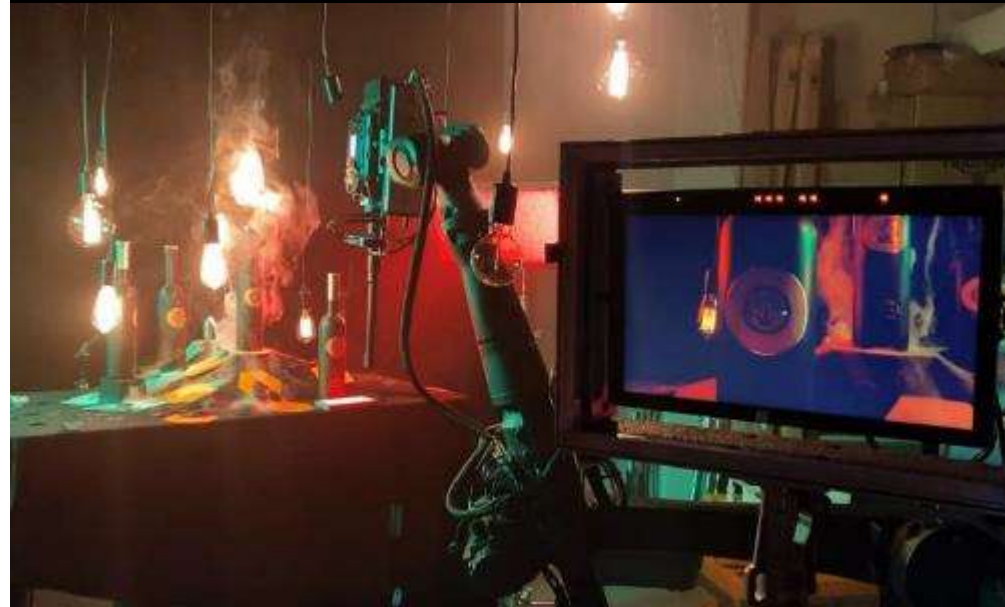
Usage 2 – side shot



<https://www.instagram.com/p/CTz0o5zJSeT/>



Underwater



Side shots with more flexible movement <https://youtu.be/mEttvEsNuAM>

Usage 3 – Periscope



Underwater shots without immersing the whole camera in the water.

Usage 4 – Look up



<https://youtu.be/-LZDuyU52tQ>



Usage 5 – Look down



Usage 6 – 45° tilt-up



Usage 7 – Travel through tight



<https://www.instagram.com/p/CS8nNHoiyPr/>



<https://youtu.be/mEttvEsNuAM>

Usage 8 – spinning shots



<https://youtu.be/RTGy7cCfWN0>

Specifications

Laowa 24mm T14 2X Periprobe	
Focal Length	24mm
Max. Aperture	T14
Min. Aperture	T40
Angle of View	85°
Format Compatibility	Full Frame
Lens Structure	28 elements in 19 groups
Aperture Blades	7
Min. working Distance	2cm
Max. Magnification	2x
Filter Thread	No
Dimensions	Φ61.3mm×408mm
Weight	around 770g (1.69lbs) The interchangeable 0° barrel – around 248g (0.54lbs)
Mounts	Arri PL, Canon EF, Canon RF, Nikon F, Nikon Z, Sony FE, L mount (cine version only)



DSLR



Mirrorless

Comparison

Product name	Laowa 24mm T14 2X Periprobe	Laowa 24mm T14 2X Macro Probe
Focal Length	24mm	24mm
Max. Aperture	T14	T14 / f/14
Min. Aperture	T40	T40 / f/40
Angle of View	85°	85°
Format Compatibility	Full Frame	Full Frame
Lens Structure	28 elements in 19 groups	27 elements in 19 groups
Aperture Blades	7	7
Min. working Distance	2cm / 0.79"	2cm/ 0.79"
Max. Magnification	2x	2x
Filter Thread	NA	NA
Dimensions	Φ61.3×408mm/ Φ2.41X16.06"	Φ38mm×408mm/ Φ1.49X16.06"
Weight	around 770g (1.69lbs) The interchangeable 0° barrel – around 248g (0.54lbs)	Around 474g (1.04 lbs)
Mounts	Arri PL, Canon EF, Canon RF, Nikon F, Nikon Z, Sony FE, L mount (cine version only)	Canon EF/ Nikon F / Sony FE / Pentax K/ L mount/ Nikon Z (standard version) Arri PL / Canon EF/ Sony FE (cine version)
Price	USD2,299	USD1,499.00 – 1,599.00

Comparison

Product name	Laowa 24mm T14 2X Periprobe	Laowa 24mm T14 2X Macro Probe
Features	<ul style="list-style-type: none">• Bug-eye perspective• 2x magnification• Deep depth of field• Long & tubular lens barrel• Waterproof barrel• LED Ring Lite• 360° Rotation• 0° & 90° interchangeable• Extra threaded tip (1/4 20)	<ul style="list-style-type: none">• Bug-eye perspective• 2x magnification• Deep depth of field• Long & tubular lens barrel• Waterproof barrel• LED Ring Lite• Light and Compact
Remark(s)	Without a lens bag	With a lens bag

Competitors

Innovision probe lens



Probe II Plus 35mm Lens Systems

Probe II Plus is our highest quality 35mm lens system. Select interchangeable Front objective Lenses, available in a variety of focal lengths.

PLF-4001	Probe II Plus Relay & Direct Module	\$ 32,500.00
PLF-4045	45 Degree Module	\$ 5,950.00
PLF-4046	90 Degree Module	\$ 5,950.00
PLF-3009	9mm Lens	\$1,625.00
PLF-3012	12mm Lens	\$1,625.00
PLF-3016	16mm Lens	\$1,625.00
PLF-3020	20mm Lens	\$1,625.00
PLF-3032	32mm Lens	\$1,625.00
PLF-3040	40mm Lens	\$1,625.00
PLF-SHIM	Close Focus Shims	\$ 100.00
PLF-3CSC	Custom Shipping Case	\$ 545.00
PLF-31RF	Remote Focus Bracket	\$ 460.00
PLM-3001	Remote Focus Motor & Control	per request
PLF-3FIL	40.5 filter (s) - please specify	per request