

45^{T1.5}MM

The Irix Cine 45mm T1.5 is equipped with everything both amateur and professional cinematographers would need to create their masterpieces.

The lens comprises functionality, stunning visuals and outstanding performance in any environment – allowing filmmakers to discover completely new areas in film image creation.



KEY FEATURES

- Ultra HD 8K ready optics with superb image resolution
- Weather-sealed construction
- Low distortion
- Very low focus breathing
- 7 mounts, including mirrorless
- 11 aperture blades
- Weather sealed
- Laser UV reactive markings
- Magnetic mount system
- Standardised 0.8 pitch mod gears
- Internal focusing



DESCRIPTION

Made to work with your equipment

Are you a professional, an amateur or perhaps just an enthusiast of cinematography?

Perfect!

Irix Cine 45mm is a >43,3mm Full Frame lens, covering Full Frame 35, Super 35, Red Dragon 6K, Arri Alexa, APS-C, MFT, Super 16, Sony Venice and other sensors. It's so versatile it'll fit YOUR favourite equipment – so that you can enjoy every second of shooting with the tools you already love.

Put our Irix Cine 45mm to work and enjoy the comfort and functionality that it offers. Available in the most popular industry mounts: Canon RF, Canon EF, Sony E, Nikon Z, Leica L, Fuji X, Olympus / Panasonic MFT and Arri PL-mount, this superior cine lens is ready for action whenever you are.

Prepared for any environment

From the burning sands of Sahara to the frozen peaks of Antarctica – Irix cine 45mm T1.5 is prepared to not only face any atmospheric conditions but also capture the best of them.

Enjoy your lens reliable construction with rubber seals placed in all crucial points to ensure safety from rain or dust.

Now, you can film anytime, anywhere – and seize the power of nature.

Modern optics guarantee outstanding image quality

Creativity and passion lie in your individuality. Craft one-of-a-kind cinematic look that won't be easily forgotten! Thanks to the perfectly refined optical system with 11 optical elements in 9 groups (including 4 HR lenses, 1 ED lenses, and 1 ASP), your shots will come out with low level of distortions and aberrations.

The internal focusing system of the lens guarantees incredible sharpness. 9 – blade iris provide beautiful bokeh and a very smooth adjustment between T1.5 and T22.

With very low focus breathing and close to human field of view Irix 45mm Cine is a perfect lens for filming natural-looking scenes.

Allow yourself to enjoy every moment of filming!

Innovative adaptive ring

Adaptive ring is an innovative function which you will like no matter if you are pro or amateur.

Ring has been designed to keep lens housing sleek and user friendly when operated manually, but without any compromises when you want to use your favourite cine gear. Compatibility and usability not met before !

Lightweight and compact design

Irix cine 45mm T1.5 meets requirements of all filmmakers. No matter if you like to build professional setup or shoot with bare lens on stabilizer this lens is for you. Aluminium and magnesium alloy construction and housing weight only 1,1kg.

Front external diameter 95mm for barndoor and accessories, filter thread 86mm, front MMS – Magnetic Mount System for rapid filters and hood replacement are just a small part of multifunctional design.

Magnetic Mount System

All of the Irix Cine lenses (except Irix 11mm T4.3 lens) have a Magnetic Mount System (MMS) that is compatible with Irix Edge MMS, Vari ND filters and Irix MMS Lens Hood. The Irix Edge magnetic filters have a unique threadless design, so you can be sure that everything stays clean & clear ready for action! No more hesitate with dirty or dusty filter thread again.

The MMS filter can be stacked together allows you to not only freely combine them but also saves a lot of space when stored.

The MMS Lens Hood effectively protects the lens from unwanted light that can cause ghosting and flares.

All of the Irix Edge Magnetic Mount System (MMS) filters are made of hardened optical glass (SR) which makes it extremely robust. The filters surfaces are covered with the multi-layer, anti-reflective coating with a special type nano-coating that makes it easy to clean.

Available types of Irix Edge MMS filters: UV, CPL, ND4, ND8, ND16, ND32, ND64, and Vari ND 2-5.

Irix and gimbals work great together

All Irix has a similar weight, which makes swapping them on gimbal much easier. Additionally, focus gears help with any wireless follow focus. The weight of around 1kg works as a perfect counterweight to most mirrorless cameras, making balancing a breeze. We have tested it personally on many gimbals from most popular brands like Zhiyun or DJI and were very happy with how it all performed together. *Each camera has different weight distribution and size, some balance easier, others don't. Tests were done on the Sony A7 series and Canon R series.

Perfectly fits into the cine world

Your comfort matters. To ease the use as much as possible, we made sure our Irix Cine 45mm is compatible with most follow focus systems, matte boxes, stabilizers and accessories available on the market.

Furthermore, it comes with a detachable lens support foot – to provide stabilization and reduce the strain of the camera mount when in use with follow focus gears.

Irix Cine is so universal it will become your favourite lens no matter the task!

TECHNICAL DATA

Image format	43.3 mm "full frame"
Focal length	45 mm
Aperture range	T1.5 ~ T22
Number of iris blades	9 (rounded shape)
Minimal focusing distance	0.4 m (15.72")

Focus ring

• rotation angle	180°
• gear pitch	0.8 mm
• number of teeth	119
• distance scale	metric or imperial

Aperture ring

• rotation angle	75°
• gear pitch	0.8 mm
• number of teeth	110

Viewing angle (horizontal)

• Full Frame	43.6°
• S-35mm 1.39x	30.9°
• APS-C 1.53x	29.4°
• APS-C 1.62x	27.7°
• MFT 2.0x	21.8°

Front filter thread	86 x 1.0 mm
Weather sealing	5 rubber o-rings (PL 4 rubber o-rings)
Front diameter	95 mm
Markings	laser engraved, UV reactive

ACCESSORIES INCLUDED

- Front cap
- Rear cap
- Lens support foot 1/4"
- Lens hood

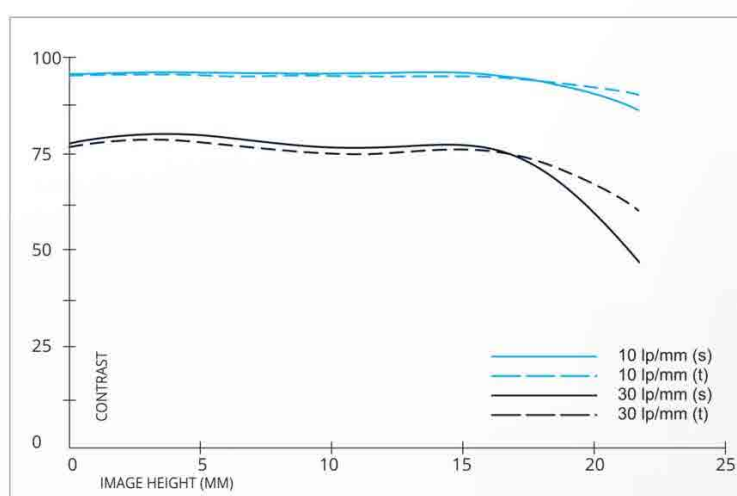
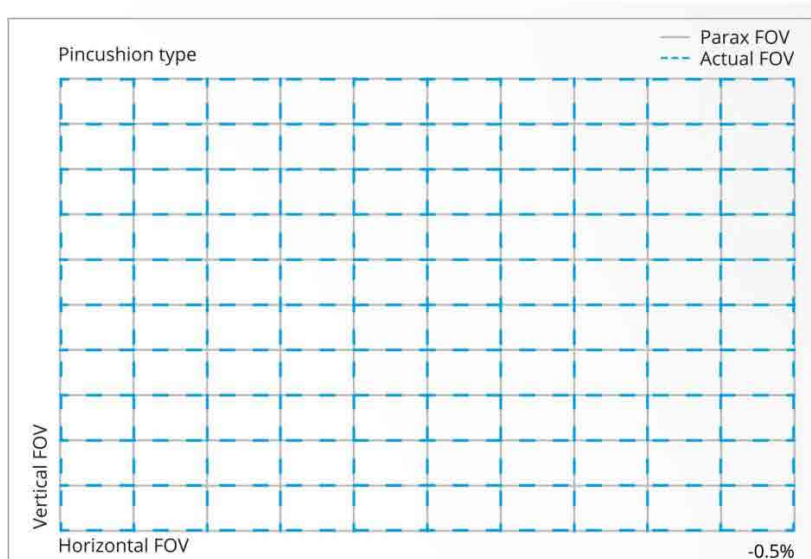
DIMENSIONS*

• Canon EF	112 x 97 mm
• Canon RF	136 x 97 mm
• Sony E	138 x 97 mm
• Arri PL	114 x 97 mm
• MFT	138 x 97 mm
• L mount	136 x 97 mm
• Nikon Z	140 x 97 mm
• Fuji X	138 x 97 mm

WEIGHT*

• Canon EF	1129 g
• Canon RF	1212 g
• Sony E	1190 g
• Arri PL	1135 g
• MFT	1186 g
• L mount	1203 g
• Nikon Z	1227 g
• Fuji X	1193 g

*a lens without accessories



DIFFRACTION MTF



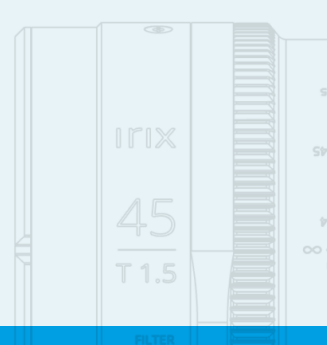
PRODUCT PHOTOS



PRODUCT VIDEOS



PRODUCT WEBPAGE



PRODUCT DETAILS (METRIC VERSION)

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-EF-M Irix Cine lens 45mm T1.5 for Canon EF Metric [IL-C45-EF-M]
Lens mount: Canon EF
Version: Metric
EAN code: 7640172191668

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-RF-M Irix Cine lens 45mm T1.5 for Canon RF Metric [IL-C45-RF-M]
Lens mount: Canon RF
Version: Metric
EAN code: 7640172191729

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-FX-M Irix Cine lens 45mm T1.5 for Fuji X Metric [IL-C45-FX-M]
Lens mount: Fuji X
Version: Metric
EAN code: 7640172194393

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-L-M Irix Cine lens 45mm T1.5 for L-mount Metric [IL-C45-L-M]
Lens mount: L-mount
Version: Metric
EAN code: 7640172191712

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-MFT-M Irix Cine lens 45mm T1.5 for MFT Metric [IL-C45-MFT-M]
Lens mount: MFT
Version: Metric
EAN code: 7640172191682

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-Z-M Irix Cine lens 45mm T1.5 for Nikon Z Metric [IL-C45-Z-M]
Lens mount: Nikon Z
Version: Metric
EAN code: 7640172191705

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-PL-M Irix Cine lens 45mm T1.5 for PL-mount Metric [IL-C45-PL-M]
Lens mount: PL-mount
Version: Metric
EAN code: 7640172191699

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-SE-M Irix Cine lens 45mm T1.5 for Sony E Metric [IL-C45-SE-M]
Lens mount: Sony E
Version: Metric
EAN code: 7640172191675

PRODUCT DETAILS (IMPERIAL VERSION)

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-EF-I Irix Cine lens 45mm T1.5 for Canon EF Imperial [IL-C45-EF-I]
Lens mount: Canon EF
Version: Imperial
EAN code: 7640172191736

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-RF-I Irix Cine lens 45mm T1.5 for Canon RF Imperial [IL-C45-RF-I]
Lens mount: Canon RF
Version: Imperial
EAN code: 7640172191798

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-FX-I Irix Cine lens 45mm T1.5 for Fuji X Imperial [IL-C45-FX-I]
Lens mount: Fuji X
Version: Imperial
EAN code: 7640172194386

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-L-I Irix Cine lens 45mm T1.5 for L-mount Imperial [IL-C45-L-I]
Lens mount: L-mount
Version: Imperial
EAN code: 7640172191781

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-MFT-I Irix Cine lens 45mm T1.5 for MFT Imperial [IL-C45-MFT-I]
Lens mount: MFT
Version: Imperial
EAN code: 7640172191750

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-Z-I Irix Cine lens 45mm T1.5 for Nikon Z Imperial [IL-C45-Z-I]
Lens mount: Nikon Z
Version: Imperial
EAN code: 7640172191774

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-PL-I Irix Cine lens 45mm T1.5 for PL-mount Imperial [IL-C45-PL-I]
Lens mount: PL-mount
Version: Imperial
EAN code: 7640172191767

Product series: Irix Lens
Product name: 45mm
Cine Product code: IL-C45-SE-I Irix Cine lens 45mm T1.5 for Sony E Imperial [IL-C45-SE-I]
Lens mount: Sony E
Version: Imperial
EAN code: 7640172191743