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NISI[®]
Camera&Cinema Filters



BEYOND IMAGINATION

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Since our beginning over ten years ago, NiSi has devoted ourselves to the research and development of filters. Today, NiSi is at the forefront of optical technology. They combine the highest quality glass with our unique nano coating to produce single piece filters with **unmatched color accuracy, sharpness, and durability.**

ND Neutral Density Filter

Application: An ND, short for neutral density, is a filter that can reduce the intensity of all wavelengths of light equally. It is used to reduce the visible light entering the lens at equal proportions, without changing the brightness and color contrast of the scene.

Miracle ND

Over the last ten years, NiSi has had one goal: developing the perfect ND filter. That dream is finally realized with the announcement of the Miracle ND series filters. This series of filters is produced with the hardest optical glass technology available to deliver superior scratch resistance while maintaining the high levels of light and color transmission that NiSi is known for. In addition to hardened glass, the edges of the filters use a unique resin sealing technology. It effectively isolates the glass from the air, preventing moisture and other damage to the filters.

Sizes : 4"x5.65"、 6.6"x6.6"

Density : 0.3、 0.6、 0.9、 1.2、 1.5、 1.8、 2.1

Accurate Color

The Miracle ND uses NiSi's patented infrared damping coating technology. It absorbs the light from the IR spectrum, up to 1200 nm, effectively eliminating IR light pollution from reaching your sensor. This ensures that you are able to accurately and uniformly capture the full spectrum of visible light



Without filter

With NiSi Miracle ND

With other brand ND

Precision Densities

The Miracle ND's coating uses the most advanced nano technology available to precisely control the ratio of light coming through the filter. These filters are then inspected for light transmittance by a research grade spectrophotometer to ensure precise densities. You can be confident that adding a filter to your shot will not under/over expose your image.

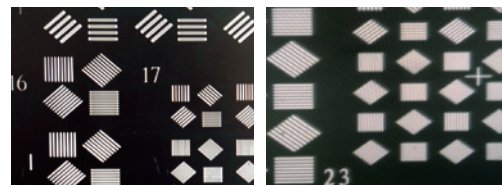
Scratch Resistance

The Miracle ND is made of two pieces of super hard, high quality optical glass. This glass is not only more durable than common optical glass, but has better light transmittance qualities as well. To provide an extra layer of protection, the density and IR damping nano coatings are positioned inside the two pieces of glass, preventing them from scratching.



Sharpness

Just like the rest of the NiSi filter line, the Miracle ND glass is ground and polished on both sides by precision instruments. This ensures a flat filter surface and optical sharpness that can stand up to the most high resolution cameras on the market today.



With NiSi Miracle ND

With other brand ND

Nano IRND

The series of Nano IRND Cinema filters utilize NiSi's advanced nano coating technology. This coating, coupled with high quality optical glass and strict manufacturing standards, give you a filter with accurate color, extreme sharpness, and low reflectivity making it perfect for today's high res cameras.

Size : 4x4", 4x5.65", 6.6x6.6"

Density : 0.3, 0.6, 0.9, 1.2, 1.5, 1.8, 2.1

Accurate Color

NiSi's Nano IRND filters are true neutral density filters, allowing all wavelengths of visible light to pass through evenly.



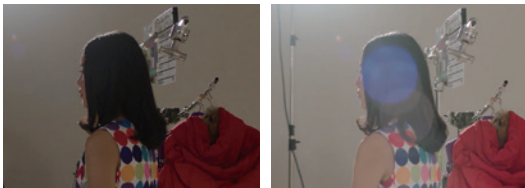
Without filter

With NiSi Nano IRND

With other brand ND

Ultralow Reflection:

Avoid glare with the Nano IRND filters. NiSi's nano coating technology includes an element that is much more effective than traditional aluminum or chromium film at reducing reflections on the filter surface.



With NiSi IRND

With other brand ND

Sharpness

With 4K here to stay and 6K and 8K coming soon, it has never been more important that the glass in your matte box is as sharp as the camera behind it. The glass in the NiSi Nano IRND filters is H-K9L optical glass, designed specifically for its extreme optical clarity. NiSi finely grinds and polishes this fine annealed glass to ensure high definition and parallelism.



With NiSi IRND

With other brand ND

Oil Resistance and Waterproofing

The Nano IRND filters feature a protective coating with waterproof and oil resistant properties. Water wicks off, leaving no trace on the filter. The oil resistance makes it easy to clean fingerprints and other contaminants off the filter.



With NiSi IRND

With other brand ND

ND Grad

Application: ND Grad is short for Graduated Neutral Density Filter.

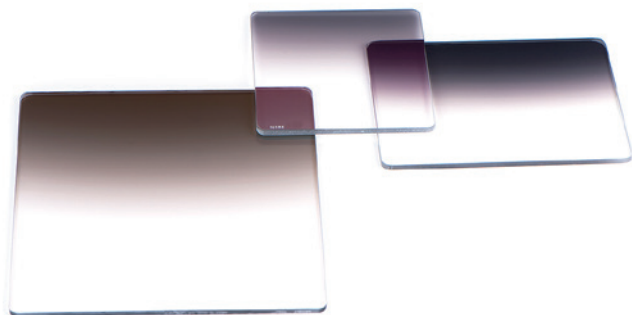
The camera is different from the human eye. The dynamic range of the human eye is quite wide, allowing us to easily see detail in bright and dim areas simultaneously. While modern cameras have made great advances in range, they are still not able to match what we can see with our own eyes. They have trouble holding detail in scenes with a wide range of tones. To compensate for this, we can use ND Grads to selectively darken an area of the frame.

Creating the IRND Grad

NiSi's IRND Grad uses the same patented infrared damping coating technology as the IRND filters. It absorbs the light from the IR spectrum, up to 1200 nm, effectively eliminating IR light pollution from reaching your sensor. This ensures that you are able to accurately and uniformly capture the full spectrum of visible light.

Smooth Graduated Transition

The NiSi Nano Soft IRND Grad has a smooth graduated transition.



Nano Soft IRND Grad

When used correctly, the Nano Soft IRND Grad is made to offer no obvious transition between the darkest part of the filter on the top and the bottom which is clear. This filter is perfect for situations where there you have an uneven horizon, such as a mountain or cityscape.

Size : 4x4", 4x5.65", 6.6x6.6"

Density : 0.3, 0.6, 0.9, 1.2



Without filter

With NiSi Soft IRND Grad

Nano Hard IRND Grad

The Nano Hard IRND Grad is made to offer a clear and obvious transition between the darkest part of the filter on the top and the bottom which is clear. This filter is perfect for situations where there you have an even horizon, such as flat land or a seashore.

Size : 4x5.65", 6.6x6.6"

Density : 0.3, 0.6, 0.9, 1.2



Without filter

With NiSi Hard IRND Grad

Polarizer

There are two types of polarizer, linear and circular. Their function is to reduce the reflection on non-metallic surfaces to reveal the original color and texture of an object. Polarizers can also help to enhance the saturation of colors beyond that of normal vision. They are the most effective filter to improve the tone of the sky and are not easily imitated by post production.



Linear Polarizer

NiSi's Linear Polarizer uses the same high quality optical glass as the rest of the NiSi line. This, coupled with Nitto polarizer film, creates a filter with a 99.9% polarization rating. Each filter is precision ground and polished after the film is applied to ensure maximum sharpness. The edges of the filter are resin sealed to keep moisture from entering the filter, improving durability.

Available size : 4x4"、4x5.65"、6.6x6.6"



Without filter



With NiSi Polarizer

138mm Polarizer

The NiSi 138mm Polarizer can be put directly onto your 138mm matte box donut. Simply rotate the filter to get the desired polarization effect. It is easy to use and saves room in your matte box for other filters.



Rotating Standard CPL

NiSi designed their new rotating circular polarizer with the cinematographer in mind. The filter fits into a standard matte box tray and uses a 0.8 gear to turn a circular polarizer in the assembly. This design makes it easy to find the polarization you want with the turn of a finger. The Rotating Circular Polarizer can greatly improve efficiency on time-sensitive shoots, making it a powerful tool for videographers and cinematographers.

Weather isn't a problem with the NiSi Rotating Circular Polarizer. Its double sided waterproof coating lets water slide right off, leaving no trace on the filter. It also means that less dust and dirt will stick to the filter, making it easier to clean. The edge of the polarizer is sealed to keep moisture from entering the filter.

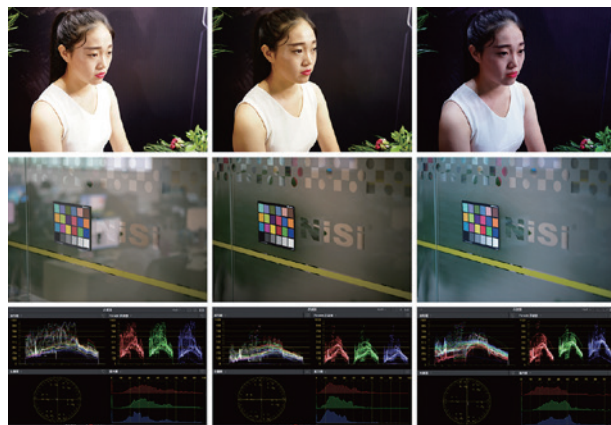
Available size : 4x5.65"、6.6x6.6"



Rotating Enhanced CPL

The Rotating Enhanced CPL uses a unique nano coating that amplifies the effect the polarizer has on colors. It helps to boost color saturation and make the skin tones more natural.

Available size : 4x5.65"、6.6x6.6"



Without CPL

With NiSi Rotating Standard CPL With NiSi Rotating Enhance CPL

Viewing Filter

When on set, we often have the need to look directly at strong sources of light which can cause irreparable harm to your eyes. The viewing filter works just like an ND filter to protect your eyes by reducing the amount of light to help you determine the position of the lights or sun.

The NiSi Viewing filters are made of aviation grade aluminum, with easily replaceable, removable glass. The back has a silicone eye cup to stop light leaks.



V-ND Viewing Filter

The NiSi V-ND Viewing Filter is a 2 to 6 Stop Variable ND. To adjust the stop, just rotate the filter. It is used to observe general brightness of light and eliminate polarized light.

10 Stops IRND Viewing Filter

The 10 Stop IRND Viewing filter used NiSi's nano coating technology to stop UV and IR light while reducing visible light.

UV

UV

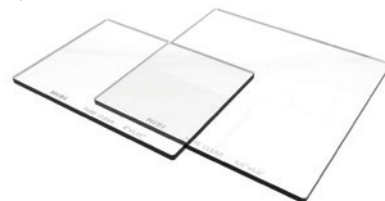
NiSi UV is made from good quality optical glass, with double side nano waterproof coating and anti-reflection coating, transmittance can reach 99%. The filter frame is made of aviation aluminum, can push it onto the lens front to use, very convenient.



Pure Clear

NiSi's Pure Clear Filter is made of super white glass for high transmittance and good flatness. It is meant to act as a protection filter for your lens without affecting the color or sharpness of your image.

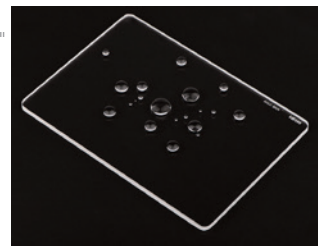
Available size : 4"x5.65" , 6.6"x6.6"



Waterproof Pure Clear

The Waterproof Pure Clear Filter is coated with NiSi's waterproof nano coating on both sides of the filter. It allows water to run off without leaving a trace on the filter. It can keep your image free of water drops, making it great for shooting in rain or near seashores.

Available size : 4"x5.65" , 6.6"x6.6"

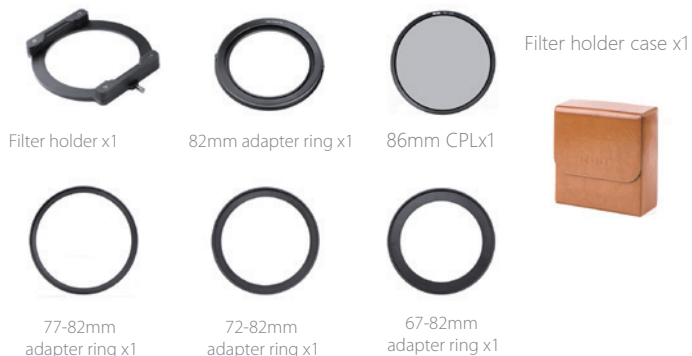


C4 Cinema Filter Holder

NiSi's C4 Filter Holder is made of CNC machined aviation grade aluminum. Its small, light design is quick to install and remove from the lens. The holder has two 4" wide, 4mm thick slots with an integrated CPL built into the holder. The CPL can rotate independently via the wheel on the side of the holder. The kit includes many sizes of adapter rings that cover most pro lenses. The C4 is perfect for when you don't want or need the extra size and hassle of a matte box, but still need filters.



Filter kit contains:



Filter holder install steps:



- 1 Put on the corresponding size adapter ring



- 2 Install the 82mm main adapter ring



- 3 Install the 86mm CPL



- 4 Pull the clip to install the filter holder



- 5 Rotate the filter holder to check if it is properly installed



- 6 Insert the filter from the upper side

Cinema Filter Case

The NiSi Cinema Filter Case holds 7 filters in a compact container. Its synthetic leather construction is carefully sewed to last on set. The inside of the case is microfiber to avoid scratching the filters. It comes in 3 different size for the various filter sizes.

