

MEDIUM FORMAT

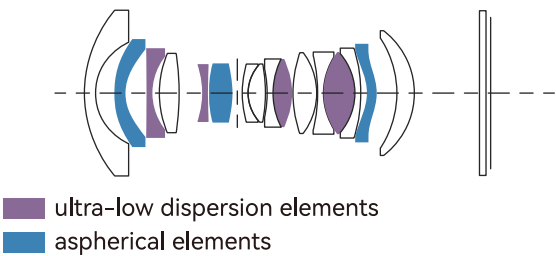
2.8/16mm ASPH.



Thank you for choosing the NiSi 16mm f/2.8 ultra-wide manual lens, designed for medium format photography.

Its 12-group, 16-element optical design includes 3 glass aspherical elements and 4 ultra-low dispersion elements, delivering excellent image quality and resolving power for 100MP medium format sensors.

With a full-frame equivalent focal length of approximately 12.6mm, the lens delivers an expansive field of view for landscapes, night skies, environmental portraits, interiors, and architecture, adding depth, scale, and visual impact to your images.



Carefully designed in every detail

- Designed specifically for mirrorless medium format cameras, this lens is compact, lightweight, and compatible with 82mm circular filters.
- Even wide open, the lens delivers sharp detail from the centre to the edge. Three aspherical elements help control coma, rendering point light sources cleanly for Milky Way, landscape, and architectural photography.
- A specially designed 8-blade aperture creates clean, defined 8-point sunstars from f/4 to f/22, balancing image quality with a strong starburst effect
- The APO design minimises visible chromatic aberration, even in bright, high-contrast scenes.
- NiSi SA+ anti-reflection coating delivers ultra-low reflectance and broadband anti-reflection performance across the visible spectrum.

Engineered to maintain uniform coating thickness on highly convex and concave lens elements, it maximizes light transmission while significantly reducing flare and stray light.

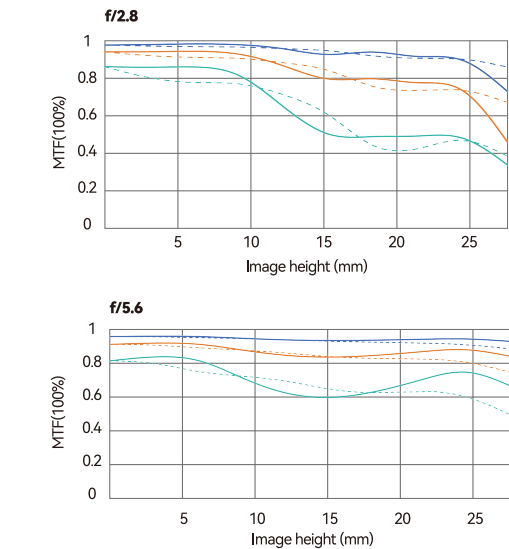
- NiSi's ultra-hard surface coating improves lens-surface durability and helps resist water, oil, and fingerprints.
- A minimum focusing distance of 0.25m enables close-up compositions with strong foreground impact.
- Minimal visible focus breathing and distortion.
- The manual focus ring moves smoothly and precisely, while the clicked aperture ring provides clear, accurate stop control.
- High-quality painted markings, inspired by cinema lenses, provide clear visibility and durability. A weather-sealing ring at the lens mount helps reduce the ingress of moisture and dust.

Technical Specifications

Name: NiSi 16mm f/2.8 Ultra-Wide-Angle Medium Format Lens	
Focal Length:	16mm
Aperture Range: f/2.8–f/22	
Aperture Blades:	8
Angle of View:	Diagonal 118° Horizontal 105.9° Vertical 89°
Minimum Focus Distance:	0.25m

Maximum Magnification:	0.12X
Focus Rotation Angle :	180°
Filter Thread:	82mm
Dimensions (L x Ø) excluding lens hood and lens caps :	115 X 88mm on XCD mount 108 X 88mm on GFX mount
Waterproof Seal:	Yes
Weight:	≈ 835g
Mount:	HASSELBLAD XCD FUJIFILM GFX

MTF line chart (at infinity focus)



MTF	Sagittal (S) value	Tangential (T) value
10lp/mm		
20lp/mm		
40lp/mm		

Tips for Use

Camera Initial Setup
For Hasselblad cameras: If the camera displays "No lens detected" or the shutter will not fire when using this manual lens, open the Exposure menu and enable Electronic Shutter. Then open the Stabilization menu and set the focal length to 16mm.

For FUJIFILM GFX cameras: Press MENU/OK, open the Setup menu, go to Button/Dial Setting, and set Shoot Without Lens to ON. The shutter will then operate normally.

- Attaching and removing the rear lens cap**
Rotate the rear cap anticlockwise to remove it. Rotate it clockwise to attach and tighten it.
- Mounting the lens to the camera**
Remove the rear cap. Align the yellow dot on the lens mount with the alignment mark on the camera mount. Insert the lens into the camera mount and rotate it in the mounting direction until you hear a click, indicating that the lens is locked.
- Removing the lens from the camera**
Press the camera's lens release button, rotate the lens fully in the opposite direction to mounting, then remove it from the camera.
- Attaching and removing the front lens cap**
Press the two side clips on the lens cap to attach or remove it.
- Attaching and removing the lens hood**
To attach the lens hood, align the solid white dot on the hood with the white alignment mark on the lens,

- then rotate the hood clockwise until it reaches the hollow white circle. To remove the hood, rotate it anticlockwise. For transport and storage, the hood can be mounted in reverse to reduce the overall length.
- Focusing**
When focusing manually with magnification, rotate the focus ring slowly until the subject appears sharp. You can also use focus peaking or refer to the depth-of-field scale.
- Sunstar tips from f/4 to f/22**
This lens produces clean 8-point sunstars from f/4 to f/22. If depth of field allows, choose an aperture that provides the best balance of image quality and sunstar effect. Very small apertures may introduce diffraction and reduce sharpness.
- Lens care guide**
Keep the glass surfaces free from dust, moisture, and scratches. Before cleaning, remove dust and debris with a blower, then clean the lens using professional lens-cleaning tools.

- Disclaimer**
Please read this manual carefully before using the product and follow all safety and operating instructions.
- Safety Information**
Please read this manual carefully and keep it for future reference. Failure to follow these instructions may cause injury or damage to the product.
Safe use: Attach the lens cap when the lens is not in use. Do not touch or scratch the lens surface with sharp objects. Do not leave the lens exposed to direct sunlight or strong light. Light passing through or reflecting from the lens may cause product damage, personal injury, or fire. When the lens is attached to a camera, do not lift the camera by the lens alone. Always support the camera body.
Transport:Protect the lens from impact and vibration during transport.
Storage: The operating temperature range for this lens is -10°C to 50°C. If the lens will not be used for an

- extended period, or if it is stored in a humid environment, keep it in a dry box. If the temperature changes rapidly, condensation may form on or inside the lens. To reduce this risk, place the lens in a pouch or sealed plastic bag until it reaches room temperature.
- Repair**
Do not disassemble, modify, or repair the lens yourself. Doing so may damage the product and void the warranty. For repairs, contact your local dealer or visit the NiSi website.
- Warranty**
Warranty coverage varies by region and follows local regulations: 24 months in EU countries, 24 months in the USA, and 12 months in China.
- Customer Support**
Please contact your local dealer or visit the NiSi website: <https://en.nisioptics.com>