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Lens Samyang 500mm MC IF f / 8 Mirror (mirror) Samyang 500mm f / 8.0 Mirror is a compact mirror lens from the basic series. It is characterized by an affordable price and a large focal length. It allows you to perform amazing close-ups. Thanks to the mirror construction, the length of the lens remained very small. Ideally suited for astrophotography, nature photography and wherever very close approximations are required. The lens is made very solidly and precisely with high quality optical glass (all coated layers). It has a metal casing. It provides good quality of photos, it is also much cheaper than equivalent lenses with similar parameters. It is a manual lens with constant light. However, this is not a problem at such high focal lengths. A tripod is required for an unimpaired photo. The set includes a practical cover, caps, three filters and a T2 adapter for Sony Alpha / Minolta cameras (photo 10). With other T2 adapters, this lens can be **successfully used with Nikon, Canon, Olympus, Pentax cameras! Our offer also includes T2 adapters for all systems**

and 2x converters (the focal length increases then twice). For the majority of bodies, the focal length should be multiplied by 1.5 - 1.6x. Actual lens focal length is even 800mm. Technical parameters ∅ focal length: 500mm ∅ aperture: 8.0 ∅ minimum sharpening distance: 1.7 m ∅ focusing: manual ∅ angle of view: 5 degrees ∅ Filter thread diameter: 30.5mm ∅ lens construction: 7 elements in 6 groups, multilayer ∅ anti-reflective coatings ∅ mount: T2 - SLR adapter in option (available separately) ∅ length: 86.5mm (maximum) ∅ Diameter: 76mm ∅ weight: 320g ∅ three filters included: gray ND2, gray ND4 and skylight Samyang 500mm f / 8 Mirror cooperates, among others with such cameras as: Canon EOS 5D 50D 40D 30D 20D 450D 400D 350D 1000D ∅ Nikon D3X, D700, D300, D200, D100, D90, D80, D70, D70s, D60, D50, D40, D40X ∅ Sony Alpha A900, A700, A350, A300, A200, A100 ∅ Olympus E-30, E-3, E-520, E-510, E-500, E-420, E-410, E-400, E-330, E-300 ∅ Pentax K20D, K10D, K200D, K110D, K100D, K100D Super, Km and many others. To mount the lens, a bayonet adapter / T2 ring is required for the body of the reflex camera Additional photos of this product (filters included with the lens) >> FREQUENTLY ASKED QUESTIONS and EXPLANATION OF BASIC NOTES << (click to expand the list of questions) QUESTION : How do you attach this lens to your camera body? Answer: To connect a manual lens with a T2 thread and a camera body, you must have the correct T-2 ring. SEE THE PUSH OFFER T2 BASIC CONCEPTS MC - short for English Mult Coated. It means that multi-layered anti-reflective coatings preventing reflection of light from the surface were applied on the glass. MC layers increase the optical efficiency (transmission) of optics and minimize glare. IF - short for English Internal Focusing. It means that in the optical construction of the lens the lens that is responsible for the focusing position is not one of the external lenses. Thanks to this solution, neither the front nor the last lens of the lens rotates, which is important when using filters or sunblinds. The Preset lens - the lens in the construction of which the ring is located to set the aperture value. ED - means the use of extra low dispersion lens in the construction of the objective lens. Such lenses are characterized by less cleavage of the components of the visible spectrum, thanks to their use, chromatic aberration is minimized. Chromatic aberration - this is a feature of the lens or optical system resulting from different focusing distances for individual colors of the light spectrum. Its result is colored discolorations visible on the borders of the contrasting areas of the image observed by the lens or lens. In order to minimize it, ED lenses are used or go in the direction of mirrored structures, which are not affected by this optical disadvantage. Aspherical - a lens that contains in its optical construction an aspherical lens, i.e. in which at least one of the surfaces is not a section of the sphere. Due to this shape, spherical aberration is prevented. The disadvantage is that more and less non-axially moving light rays are focused at different points, which causes the image to blur. Examples of such lenses are Samyang 85mm f / 1.4 IF MC or Samyang 8mm f / 3.5 fish-eye IF MC. Mirror lens - this is a type of telephoto construction in which, apart from the lenses, also parabolic mirrors are used. Thanks to such a construction, the length of the housing decreases and its diameter grows. Typically, lenses with this design are also lighter. Another characteristic feature is the impossibility of changing the aperture. Scheme of the mirror lens: