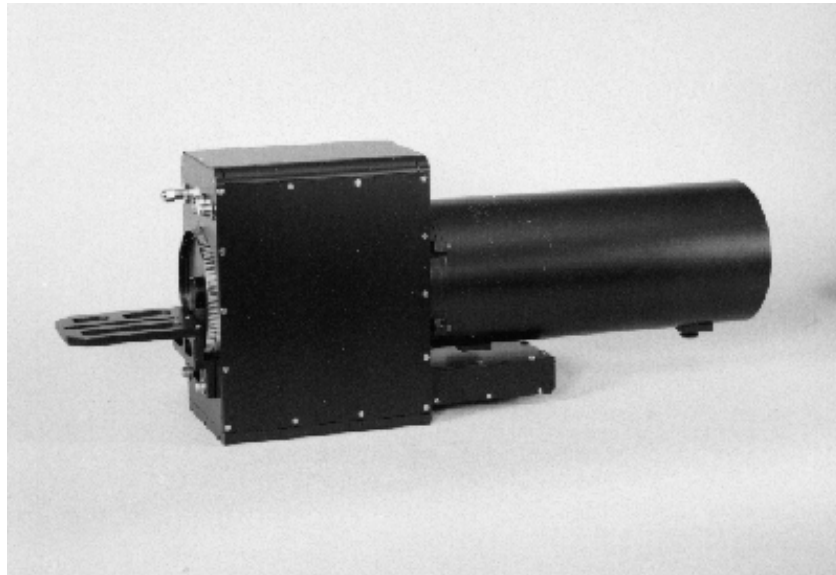


MODEL DOS 100-NDRZ-EC-LW



Standard Lens

OPTICAL SPECIFICATIONS

System Type:	Maksutov-Cassegrain catadioptric with moveable primary mirror focus and a "Zoom" achromat to adjust image scale.
Aperture:	4 inches (100 m.m.)
E.F.L. Range:	f/2.50 at 250 m.m. E.F.L. f/13.7 at 1400 m.m. E.F.L.
Resolution:	500 LP/mm AT 250 m.m. E.F.L. 115 LP/mm AT 1400 m.m. E.F.L.
Field of View:	Across a ½ inch chip continuously variable from 3.2 degrees AT 250 m.m. to 0.55 degrees AT 1400 m.m.
Materials Used:	BK-7 Corrector Lens with Metallized Secondary Mirror. MGF2 Anti-Reflection coating. Pyrex Primary Mirror with reflective metal coatings of Aluminum or Enhanced Silver Optional at Extra Cost. (20% more Light Transmisson)

MECHANICAL SPECIFICATIONS

Materials of Construction:	Barrel and interior parts, are Magnesium and Aluminum Alloy with Stainless Steel fasteners throughout.
Weight:	10.6 pounds (11.2 lbs. w/Optional Flashguard)
OAL of Unit less Camera:	18.31 inches (46.5 c.m.)
Height of Optical Center Line:	4.312 inches (10.95 c.m.)
Exterior Finish:	Black Anodized and Dow #7 Treatment with Polane Flat Black Enamel.

OPTIONAL ACCESSORIES AVAILABLE

WATEC T.V. Camera

N.D. Filters

Third Generation Intensifier for Night-Time Surveillance

Long Range Infrared Zoom Laser Illuminator

Flash Guard

Form MG10-101