

SWIRECON 50

HIGH PERFORMANCE SHORT
WAVE INFRARED LENS
SWIR f=50 x 1.5 AT



LENS SPECIFICATION

Focal Length: 50 mm
F/#: 1.5
Waveband: 600 nm - 1700 nm
Athermalized: -46°C to +65°C (and above)

Field of View (for
640x512 20 microns
pitch FPA) 18.6 degrees diagonally

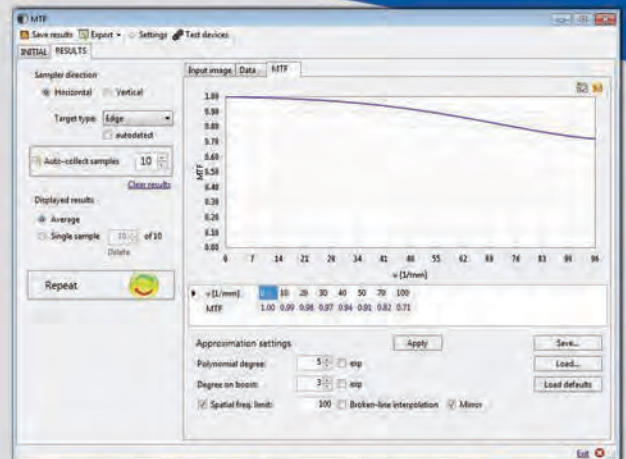
Image diagonal: 16.4 mm
Distortion: < 0.2 %
Transmission: > 85 %
Focus: Manual
Mount: C-Mount
Dimensions: Ø54 x 89mm
Weight: 318 g



Photo taken at dusk at distance - 4 km.

EXAMPLE OF COMPATIBLE SENSORS

Sensors format	Pitch dimension in microns					
	30	25	20	15	12.5	10
320x240	X	X	X			
320x256	X	X	X			
640x512			X	X	X	X



Swirecon 50x1,5 AT On Axis MTF 600 – 1700 nm (REAL MEASUREMENT)

LENS PERFORMANCE GRAPHICS

