

SPECIAL FEATURES

- CPU Controlled
- Auto Thermal Compensation
- IP66 Sealed Front (option)
- Open Frame Configuration Option



Lens Type	Sahar 90	Sahar 198	SAHAR 250HS
Optical			
Focal Length	30, 90	66, 198	80mm, 250mm
F#	1.2	1.5	2.4
Average Transmission	>90%	>80%	>85%
Horizontal FOV	20.8°, 7° (640x480/17 μ)	15.2°, 5.05° (1024x768/17 μ)	7.8° - 2.5° (640x480/17 μ)
Vertical FOV	15.6°, 5.2° (640x480/17 μ)	11.4°, 3.79° (1024x768/17 μ)	5.9° - 1.9° (640x480/17 μ)
Back Focal Distance (from FPA)	16.27mm	48mm	27.1mm
Mechanical			
Interface	Standard back flange		
Focus Mechanism	Motorized		
Weight	1,290g	4,500g	1,100g
Dimensions	L:106mm, D:118mm	L:318mm, D:165mm	L: 137mm, D: 105mm
Electrical & Communications			
Power Input	12VDC,1A	12VDC,5A	12VDC,1A
Communications	RS-422 full duplex, BR: 19200,n,8,1		
Environmental			
Operating Temperature	-30°C to +65°C		
Storage Temperature	-40°C to +70°C		
External Coating	HD AR (DLC option)		
Shock & Vibration	Mil-STD-8106		
Frontal Sealing	Optional IP66/67		