

# M1618-APVSW

**f=16mm F1.8 ViSWIR Hyper Apochromat  
for Visible+SWIR image sensor, Fixed-focal  
C-Mount**

Model No.		M1618-APVSW		Effective		Front	φ 25.1mm
Focal Length		16mm		Lens Aperture		Rear	φ 16.5mm
Max. Aperture Ratio		1:1.8		Distortion(inf)		2/3 Type	0.0%
Wavelength Range		400nm - 1700nm				1/2 Type	-0.3%
Max. Image Format		8.8mm x 6.6mm(φ 11mm)		Back Focal Length		14.2mm	
Operation Range	Iris	F1.8 - F16.0		Flange Back Length		17.526mm	
	Focus	0.1m - Inf.		Mount		C-Mount	
Control	Iris	Manual		Filter Size		M37.5 P=0.5mm	
	Focus	Manual		Dimensions		φ 39.5mm x 51.3mm	
Operating Temperature		-10°C - +50°C		Weight		136g	
Angle of View	D	IMX990 (SXGA)	28.8°	IMX991 (VGA)	14.6°	2/3 Type 8.80mm x 6.60mm (φ 11mm)	37.9°
	H	6.40mm x 5.12mm	22.7°	3.20mm x 2.56mm	11.4°		30.9°
	V	(φ 8.20mm)	18.2°	(φ 4.10mm)	9.2°		23.4°

## Dimensions

