

V1181 Series

Megapixel Fixed-Focal 2/3" Lenses

Infinova[®]
The Integrator's Manufacturer



- **2 Mega pixels**
- **Captures full resolution of megapixel cameras**
- **Low distortion (Less than 1.0%)**
- **Locking set screws for focus and iris**
- **High contrast & sharp picture in all areas of the screen**
- **Compact design-Diameter 33.5mm**

Infinova's V1181 series megapixel fixed-focal 2/3" lenses feature low distortion and high contrast & sharp picture in all areas of the screen. They are applicable for intelligent transport system (ITS).

Technical specifications

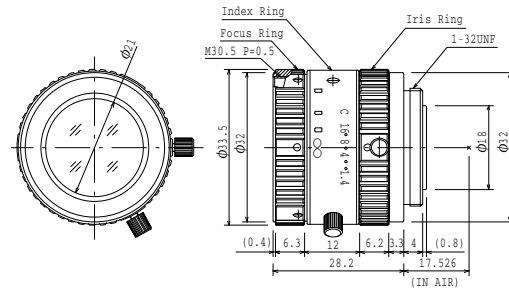
Image Size	2/3"		
Mount	C		
Focal Length	12mm/16mm/25mm/35mm		
Aperture (F/#)	1.4		
Max. Image Format	8.8mm x 6.6mm (φ 11mm)		
Operation Range	Iris	F1.4 - F16C	
	Focus	V1181-12-1	0.15m - Inf.
		V1181-16-1	0.3m - Inf.
		V1181-25-1	0.3m - Inf.
V1181-35-1	0.3m - Inf.		
Control	Iris	Manual	
	Focus	Manual	
Object Dimensions at M.O.D. (H x V)	V1181-12-1	12.1 cm x 9.0 cm	
	V1181-16-1	17.2 cm x 12.9 cm	
	V1181-25-1	10.6 cm x 7.9 cm	
	V1181-35-1	8.1 cm x 6 cm	
Angle of View (F.O.V.) (D/H/V)	V1181-12-1	49.2°/40.4°/30.8°	
	V1181-16-1	38.0°/30.8°/23.4°	
	V1181-25-1	24.9°/20.0°/15.1°	
	V1181-35-1	17.3°/13.9°/10.4°	
Back Focal Length	V1181-12-1	13.1mm	
	V1181-16-1	13.1mm	
	V1181-25-1	13.1mm	
	V1181-35-1	17.1mm	
Flange Back Length	17.526mm		
Filter Size	M30.5 P=0.5mm		
Dimensions (Ø×L)	V1181-12-1	33.5mm x 28.2mm	
	V1181-16-1	33.5mm x 28.2mm	
	V1181-25-1	33.5mm x 36.0mm	
	V1181-35-1	33.5mm x 38.2mm	
Weight	V1181-12-1	0.137lbs (62g)	
	V1181-16-1	0.132lbs (60g)	
	V1181-25-1	0.157lbs (71g)	
	V1181-35-1	0.192lbs (87g)	
Certifications and Approval			
Product Certifications	CE, ISO 9001: 2008		

Ordering information

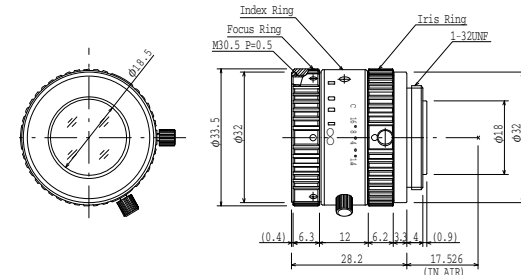
- V1181-12-1 Lens, 2 Mega pixels, f=12mm, F/1.4, Manual iris, 2/3 inch, C
- V1181-16-1 Lens, 2 Mega pixels, f=16mm, F/1.4, Manual iris, 2/3 inch, C
- V1181-25-1 Lens, 2 Mega pixels, f=25mm, F/1.4, Manual iris, 2/3 inch, C
- V1181-35-1 Lens, 2 Mega pixels, f=35mm, F/1.4, Manual iris, 2/3 inch, C

Dimensions

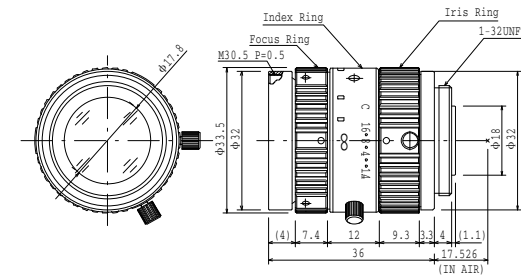
V1181-12-1



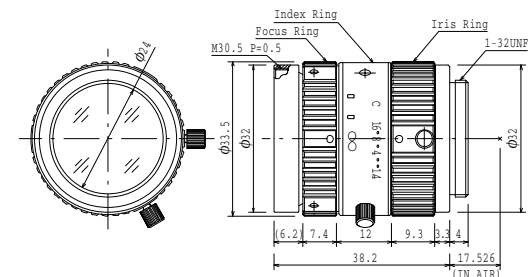
V1181-16-1



V1181-25-1



V1181-35-1



(Unit: mm)