

## Modular Components Made Easy

- 1 Optical body—6.3:1, 8:1, 10:1
- 2 20 degree binocular viewing head
- 3 0-35 degree ergonomic viewing head
- 4 Beam splitter/photo port
- 5 Iris diaphragm
- 6 Eyepieces
- 7 Auxiliary objectives
- 8 C-mount or photo tube



### Z6 Series 6.3:1 Parallel Zoom Body

Objective Lens	Working Distance (mm)	EYEPIECE					
		WF 10X (Ø24mm)		WF 15X (Ø16mm)		WF 20X (Ø12mm)	
		Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)
0.3x	280	2.4X-15X	100-16	3.6X-22.5X	66.7-10.67	4.8X-30X	50-8
0.5X	126	4X-25X	60-9.6	6X-37.5X	40-6.4	8X-50X	30-4.8
1X	78	8X-50X	30-4.8	12X-75X	20-3.2	16X-100X	15-2.4
2X	32.5	16X-100X	15-2.4	24X-150X	10-1.6	32X-200X	7.5-1.2

### Resolution and N.A.

Magnification	Resolution (Lp/mm)	Numerical Aperture (N.A.)
8X	289	0.08
6X	256	0.078
4X	228	0.064
3X	204	
2X	128	0.032
1X	64	0.02
0.8X	57	0.0224

### Z8 Series 8:1 Parallel Zoom Body

Objective Lens	Working Distance (mm)	EYEPIECE					
		WF 10X (Ø24mm)		WF 15X (Ø16mm)		WF 20X (Ø12mm)	
		Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)
0.3x	280	2.4X-19.5X	100-12.3	3.6X-29.3X	66.7-8.2	4.8X-39X	50-6.15
0.5X	126	4X-32.5X	60-7.4	6X-52X	40-4.9	8X-65X	30-3.7
1X	78	8X-65X	30-3.7	12X-97.5X	20-2.5	16X-130X	15-1.85
2X	32.5	16X-130X	15-1.85	24X-195X	10-1.23	32X-260X	7.5-0.9

### Z10 Series 10:1 Parallel Zoom Body

Objective Lens	Working Distance (mm)	EYEPIECE					
		WF 10X (Ø24mm)		WF 15X (Ø16mm)		WF 20X (Ø12mm)	
		Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)
0.3x	280	2.4X-24X	100-10	3.6X-36X	66.7-6.67	4.8X-48X	50-5
0.5X	126	4X-40X	60-6	6X-60X	40-4	8X-80X	30-3
1X	78	8X-80X	30-3	12X-120X	20-2	16X-160X	15-1.5
2X	32.5	16X-160X	15-1.5	24X-240X	10-1	32X-320X	7.5-0.75

*Design, features and specifications are subject to change without notice.*

**ISO 9001**  
**Certification**  
 Design and production adheres to ISO9001 international quality standard.



**ISO 14001**  
**Certification**  
 Design and production meets the requirements of international standard ISO 14001 for environmental management.