

# ProZoom® PZ-6.5

*Big Results Made Easy!*

**Next-Level Performance Meets Budget-Friendly Price**

The ProZoom® PZ-6.5 family outperforms stereo microscopes costing twice as much. ProZoom® PZ-6.5 provides the Largest Standard Working Distance, the Largest Magnification Range and Largest Eyepieces available on modern stereo microscopes.



TKPZ-LV2

## FEATURES:

- 5–65x Standard Magnification Range (up to 390x w/options)
- Super Wide 28mm High Eye Point and Wide Field Eyepieces
- Eye-tube Inclination of 45° with 360° Rotation of Main Body
- 195mm of Working Distance with 0.5x Objective Lens
- ±6 Diopter Adjustment Range
- Interpupillary Distance Adjustment on Eyepiece Tubes
- Trinocular Package includes 0.3x CCD Adapter
- All Trinocular Packages include our 5MP Hybrid HDMI/USB Camera with Advanced Onboard Imaging Controls
- Precision-glide Ball Bearing Arm Base Assembly
- 5 Year Mechanical Warranty (1 Year Electrical)

### 9 Languages Supported

简体中文	한국어	Le Français
繁体中文	Deutsch	日本語
English	Italiano	El Español

## PROZOOM® PZ - 6.5 TECHNICAL DATA:

Eyepiece	Main Body	0.37x	0.5x	0.7x	1.0x	2.0x	
		PZ-OB-037	PZ-OB-050	PZ-OB-070	PZ-OB-100	PZ-OB-200	
10x	MAG:	10–65x	3.7–24.1x	5–32.5x	7–64x	10–65x	30–130x
	FOV:	23–3.5mm	62.2–9.6mm	46–7mm	32.9–5mm	23–3.5mm	11.5–1.8mm
15x	MAG:	15–97.5x	5.55–36.1x	7.5–48.8x	10.5–69x	15–97.5x	30–195x
	FOV:	17–2.6mm	45.9–7mm	34–5.2mm	24.3–3.7mm	17–2.6mm	8.5–1.3mm
20x	MAG:	20–130x	7.4–48.1x	10–65x	14–92x	20–130x	40–260x
	FOV:	14–2.2mm	37.8–5.8mm	28–4.2mm	20–3.1mm	14–2.2mm	7–1.1mm
30x	MAG:	30–195x	30–195x	11.1–72.2x	21–138x	30–195x	60–390x
	FOV:	9–1.4mm	24.3–3.7mm	18–2.7mm	12.9–2mm	9–1.4mm	4.5–0.7mm
Working Distance		118mm	275mm	195mm	145mm	110mm	35mm

**Trinocular Models Feature Standard Onboard Image Controls Including:**

**Additional features found in (AIMS) PC Suite Software:**



**IMAGE CAPTURE**

Still Image & Video  
8GB SD Card



**CALIBRATED MEASURE**

No PC Required!  
Export to Database



**REAL TIME COMPARE**

Live Image vs Captured  
See the Difference



**ULTRA-HIGH SENSITIVITY**

Industry Leading  
Low Light Performance



**EXTENDED DEPTH OF FOCUS**

This specialized tool allows for 'stacking' of multiple images of tall objects taken at various focal lengths, into a single super high clarity image.



**IMAGE STITCHING**

Inspecting something that is just too big to view all at once? Capture multiple images of the object, then 'stitch' them together digitally to create a single extra-large image.

Part Number	Mounting Base		Digital Video	Light Source		
	Articulating Arm	Heavy Duty Ball Bearing	5MP Hybrid Camera	Fluorescent Ring	150W Fiber Optic	LED
TKPZ-A		✓			Annular Ring	
TKPZ-BL		✓			Back Light	
TKPZ-D		✓			Dual Point	
TKPZ-F		✓		✓		
TKPZ-FA-A	✓				Annular Ring	
TKPZ-FA-BL	✓				Back Light	
TKPZ-FA-D	✓				Dual Point	
TKPZ-FA-F	✓			✓		
TKPZ-FA-LV2	✓					✓
TKPZ-LV2		✓				✓
TKDPZT-A		✓	✓		Annular Ring	
TKDPZT-BL		✓	✓		Back Light	
TKDPZT-D		✓	✓		Dual Point	
TKDPZT-LV2		✓	✓			✓
TKPZT-A		✓	✓		Annular Ring	
TKPZT-BL		✓	✓		Back Light	
TKPZT-D		✓	✓		Dual Point	
TKPZT-LV2		✓	✓			✓
TKPZTO-A		✓			Annular Ring	
TKPZTO-BL		✓			Back Light	
TKPZTO-D		✓			Dual Point	
TKPZTO-LV2		✓				✓

**ProZoom® 6.5 Trinocular with Ultra-Cam II™**

At the heart of every ProZoom® 6.5 trinocular system is our exclusive 5MP Hybrid HDMI/USB Camera with Onboard Image Controls. This system includes microscope, base assembly, LED ring light, 5MP Hybrid HDMI/USB Camera as well as our FREE HD2 Advanced Imaging & Measurement Software Suite. (a \$595 value)



**TKDPZT-LV2**

**ProZoom® 6.5 Trinocular with Ultra-Cam II™ and 22" LED Monitor**

This system includes all of the features and benefits shown for the TKDPZT-LV2 system, but also includes a 22" HD LED screen. We have matched the specifications of this screen to be the perfect companion to our 5MP Camera. Not all flat screens are created equal.



**TKPZT-LV2**

Also Available with 12.1" Integrated Screen! (TKPZT-HU-LV2)