

BTS Wide Field of View Module

3D target for testing resolution of wide field of view endoscopes

Why Choose the BTS Wide Field of View Module?

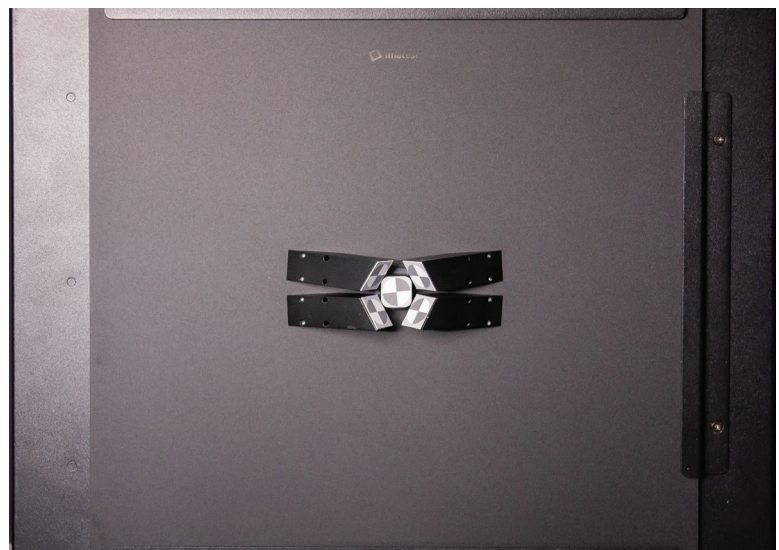
The BTS Wide Field of View (WFOV) Module integrates with the Imatest Magnetic Chart Holder or Imatest Light Boxes and Light Panels. The BTS WFOV Module provides an easy to use platform for testing sharpness of endoscopes and other short focal distance cameras with FOVs up to 180°. The 3D target includes angled aluminum blocks with high resolution fiber photographic matte SFRreg marks. The center and peripheral targets holders are designed to converge at a specified test distance, and can accommodate a variety of different fields of view and focal lengths. Available at 16mm and 32mm convergence distances. Customization is available upon request to fit the needs of your wide field of view macro or micro camera system.

BTS Wide Field of View Module Features

- ✓ Includes high resolution fiber photographic matte SFRreg marks
- ✓ Easy to use with Imatest Magnetic Chart Holder or Imatest Light Boxes and Light Panels
- ✓ Targets converge for specified test distances of 16mm (± 8 mm) or 32mm (± 8 mm)
- ✓ Customization available upon request



BTS-WFOV-32mm

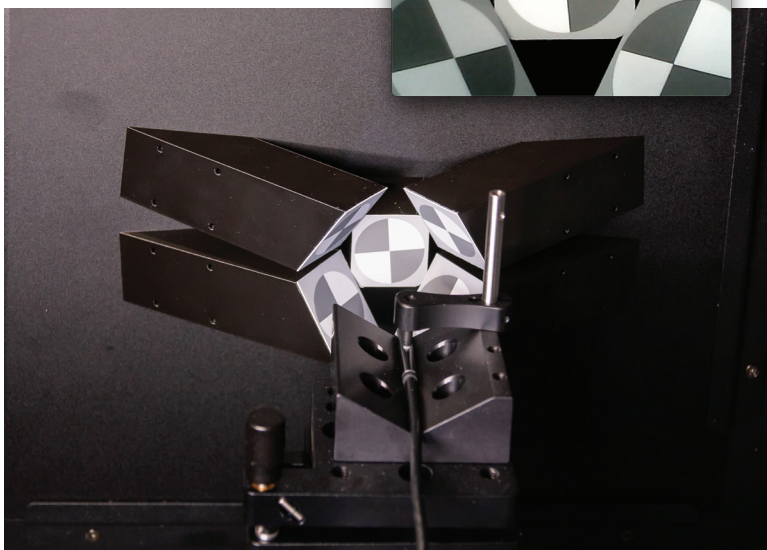
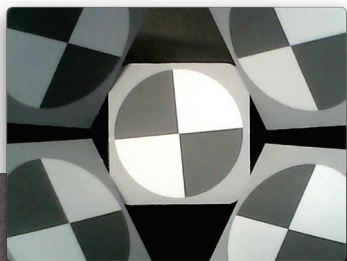


BTS-WFOV-16mm

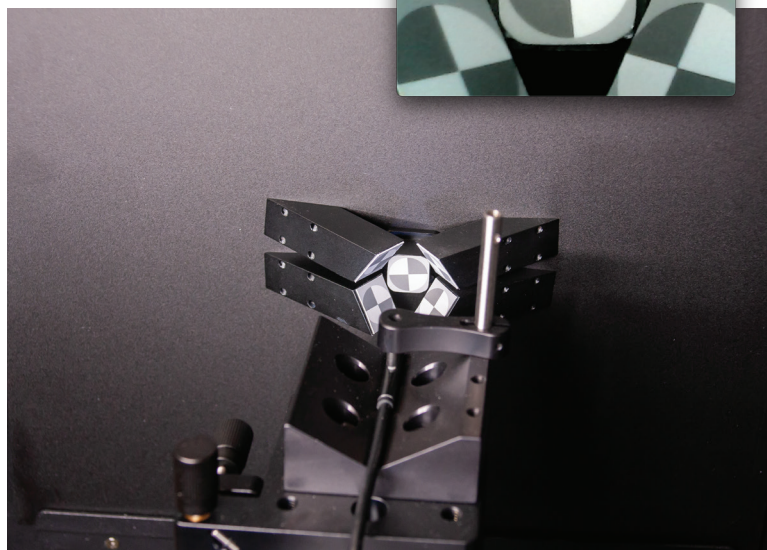
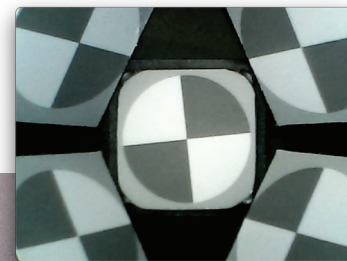


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Specifications	Details
Frame Options (BTS-WFOV-16mm):	Size A, Size B, or Size C Magnetic Backing Optional
Frame Options (BTS-WFOV-32mm):	Size B or Size C Magnetic Backing Optional
Frame Dimensions:	Size A: 253 mm x 174 mm (9.96" x 6.85") Size B: 318 mm x 290 mm (12.52" x 11.42") Size C: 456 mm x 327 mm (17.95" x 12.87")
Total Thickness (with 3D Targets):	BTS-WFOV-16mm: 1.5" (38mm) BTS-WFOV-32mm: 2.76" (70mm)
SFRreg Substrate:	Fiber Photographic Matte
Frame Material:	Matte Black Acrylic (6mm thickness)
Angled Target Block Material:	Black Anodized Aluminum
Recommended Test Distances:	BTS-WFOV-16mm: 8mm - 24mm BTS-WFOV-32mm: 24mm - 48mm
Recommended Field of View:	Up to 180°



BTS-WFOV-32mm



BTS-WFOV-16mm