

Technical Data TriAngle

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA 100-38	100	26	±2.5	6,170 x 4,940	≤ 160Hz depending on settings (shutter time) and measurement conditions
TA 150-38	150	30	±1.7	4,120 x 3,300	
TA 200-38	200	30	±1.3	3,090 x 2,470	
TA 300-38	300	30	±0.75	2,060 x 1,650	
TA 300-57	300	48	±0.75	2,060 x 1,650	
TA 500-57	500	48	±0.4	1,240 x 980	

Technical Data TriAngle

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA 1000-115	1,000	100	±0.2	610 x 490	≤ 160Hz depending on settings (shutter time) and measurement conditions
TA 1000-140	1,000	125	±0.2	610 x 490	
	Illumination: high power LED at 525 nm or 625 nm				

Technical Data TriAngle UltraSpec

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA US 300-57	300	45	±0.05 over range of 10 arcsec ±0.10 over range of 20 arcsec ±0.25 over total FOV	3,000 x 1,920	≤ 130Hz depending on settings (shutter time) and measurement conditions
TA US 500-57	500	45		1,800 x 1,150	
	Illumination: high power LED at 525 nm or 625 nm				

Technical Data TriAngle Focus

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA F 100-38 ±10	100	18	±2.5	6,170 x 4,940	≤ 160Hz depending on settings (shutter time) and measurement conditions
TA F 150-38 ±10	150	26	±1.7	4,120 x 3,300	
TA F 200-38 ±10	200	26	±1.3	3,090 x 2,470	
TA F 300-57 ±25	300	48	±0.75	2,060 x 1,650	
TA F 500-57 ±25	500	48	±0.4	1,240 x 980	
TA F 1000-115 ±50	1,000	100	±0.2	610 x 490	

Technical Data TriAngle Focus

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA F 1000-140 ±50	1,000	125	±0.2	610 x 490	≤ 160Hz depending on settings (shutter time) and measurement conditions
	Illumination: high power LED at 525 nm				

Technical Data TriAngle NIR

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA NIR 100-38	100	26	±2.5	6,170 x 4,940	≤ 160Hz depending on settings (shutter time) and measurement conditions
TA NIR 150-38	150	30	±1.7	4,120 x 3,300	
TA NIR 200-38	200	30	±1.3	3,090 x 2,470	
TA NIR 300-38	300	30	±0.75	2,060 x 1,650	
TA NIR 300-57	300	48	±0.75	1,240 x 980	
TA NIR 500-57	500	48	±0.4	610 x 490	

Technical Data TriAngle NIR

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA NIR 1000-115	1,000	100	±0.2	610 x 490	≤ 160Hz depending on settings (shutter time) and measurement conditions
TA NIR 1000-140	1,000	125	±0.2	610 x 490	
	Illumination: high power LED at 780-1,064 nm				

Technical Data TriAngle Laser

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA L 100-38	100	26	±2.5	6,170 x 4,940	≤ 160Hz depending on settings (shutter time) and measurement conditions
TA L 150-38	150	30	±1.7	4,120 x 3,300	
TA L 200-38	200	30	±1.2	3,090 x 2,470	
TA L 300-38	300	30	±0.8	2,060 x 1,650	
TA L 300-57	300	48	±0.8	1,240 x 980	
TA L 500-57	500	48	±0.5	610 x 490	

Technical Data TriAngle Laser

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view (arcsec)	Measurement Frequency (Hz)
TA L 1000-115	1,000	100	± 0.25	610 x 490	$\leq 160\text{Hz}$ depending on settings (shutter time) and measurement conditions
TA L 1000-140	1,000	125	± 0.25	610 x 490	
	Illumination: Laser diode at 635 nm				

Technical Data TriAngle LargeField

	Effective focal length (mm)	Clear aperture (mm)	Accuracy (arcsec)	Field of view	Measurement Frequency (Hz)
TA LF 100-38	100	26	±3	3° x 3°	4 Hz
	Illumination: high power LED at 525 nm				