

Technical Data TriAngle

	Effective focal length	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle TA				USB 3.0	USB 3.0
TA 100-38	100	26	2,5	6.170 x 4.940	Up to ≥ 100 Hz 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	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle TA				USB 3.0	USB 3.0
TA 1000 - 115	1000	100	0,2	610 x 490	Up to ≥ 100 Hz depending on settings (shutter time) and measurement conditions
TA 1000 - 140	1000	125	0,2	610 x 490	
	Illumination: high power LED at 525 nm or 625 nm				

Technical Data TriAngle UltraSpec

	Effective focal length	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arcsec	arcsec	Hz
TriAngle UltraSpec				USB 3.0	USB 3.0
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	Up to ≥ 100 Hz 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	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle Focus				USB 3.0	USB 3.0
TA F 100-38 ±10	100	18	2,5	6.170 x 4.940	Up to ≥ 100Hz 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	1000	100	0,2	610 x 490	

Technical Data TriAngle Focus

	Effective focal length	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle Focus				USB 3.0	USB 3.0
TA F 1000-140 ±50	1000	125	0,2	610 x 490	Up to ≥ 100 Hz depending on settings (shutter time) and measurement conditions
	Illumination: high power LED at 525 nm or 625 nm				

Technical Data TriAngle NIR

	Effective focal length	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle NIR				USB 3.0	USB 3.0
TA NIR 100-38	100	26	2,5	6.170 x 4.940	Up to \geq 100Hz 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	0,4	1.240 x 980	
TA NIR 500- 57	500	48	0,2	610 x 490	

Technical Data TriAngle NIR

	Effective focal length	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle NIR				USB 3.0	USB 3.0
TA NIR 1000-115	1000	100	0,2	610 x 490	Up to \geq 100Hz depending on settings (shutter time) and measurement conditions
TA NIR 1000-140	1000	125	0,2	610 x 490	
	Illumination: high power LED at 780-1,064 nm				

Technical Data TriAngle Laser

	Effective focal length	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle Focus				USB 3.0	USB 3.0
TA L 100-38	100	26	2.5	6.170 x 4.940	Up to \geq 100Hz 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	Clear aperture	Accuracy	Field of view	Measurement Frequency
Product	mm	mm	arsec	arsec	Hz
TriAngle Focus				USB 3.0	USB 3.0
TA L 100-38	1.000	100	0.25	610 x 490	Up to ≥ 100 Hz depending on settings (shutter time) and measurement conditions
TA L 150-38	1.000	125	0.25	610 x 490	
	Illumination: Laser diode at 635 nm				

Technical Data TriAngle LargeField

	Effective focal length	Clear aperture	Accuracy	Field of view	Measurement Frequency
Produkt	mm	mm	arsec	arsec	Hz
TriAngle Large Field					
TA LF 100-38	100	26	3	3° x 3°	4 Hz
	Illumination: high power LED at 525 nm				