

Versa^x Cameras

Product Details

The ultimate modular motion capture camera. Built tough with an IP66 rating and versatile mounting options, making it perfect for any environment from the manufacturing floor to outdoor setups.



Versa^x Camera Specifications

	Versa ^x 22	Versa ^x 22W	Versa ^x 41	Versa ^x 41N	Versa ^x 41W	Versa ^x 120	Versa ^x 120N	Versa ^x 120W
Performance								
Maximum Frame Rate (Full Resolution)	360 Hz		180 Hz			300 Hz		
Maximum Possible Frame Rate	1000 Hz							
Selectable Frame Rates	Yes							
Latency	2.8 ms		5.5 ms			3.3 ms		
3D Accuracy	+/- 0.3 mm		+/- 0.1 mm		+/- 0.3 mm	+/- 0.1 mm		
Marker Type	Active	Active/Passive	Active	Active/Passive		Active	Active/Passive	
Maximum Detection Distance	30 m	30 m / 21 m	45 m	45 m/30 m	30 m/21 m	91 m	91 m/40 m	40 m

Sensor			
Resolution	2048x1088	2048x2048	4096x3072
Shutter Type	Global		
Adjustable Exposure	Yes		
Shutter Speed (Default)	0.25 ms		
Shutter Speed (Min.)	0.01 ms		
Shutter Speed (Max.)	2.8 ms at 360fps	5.4 ms at 180 fps	3.13 ms at 300 fps

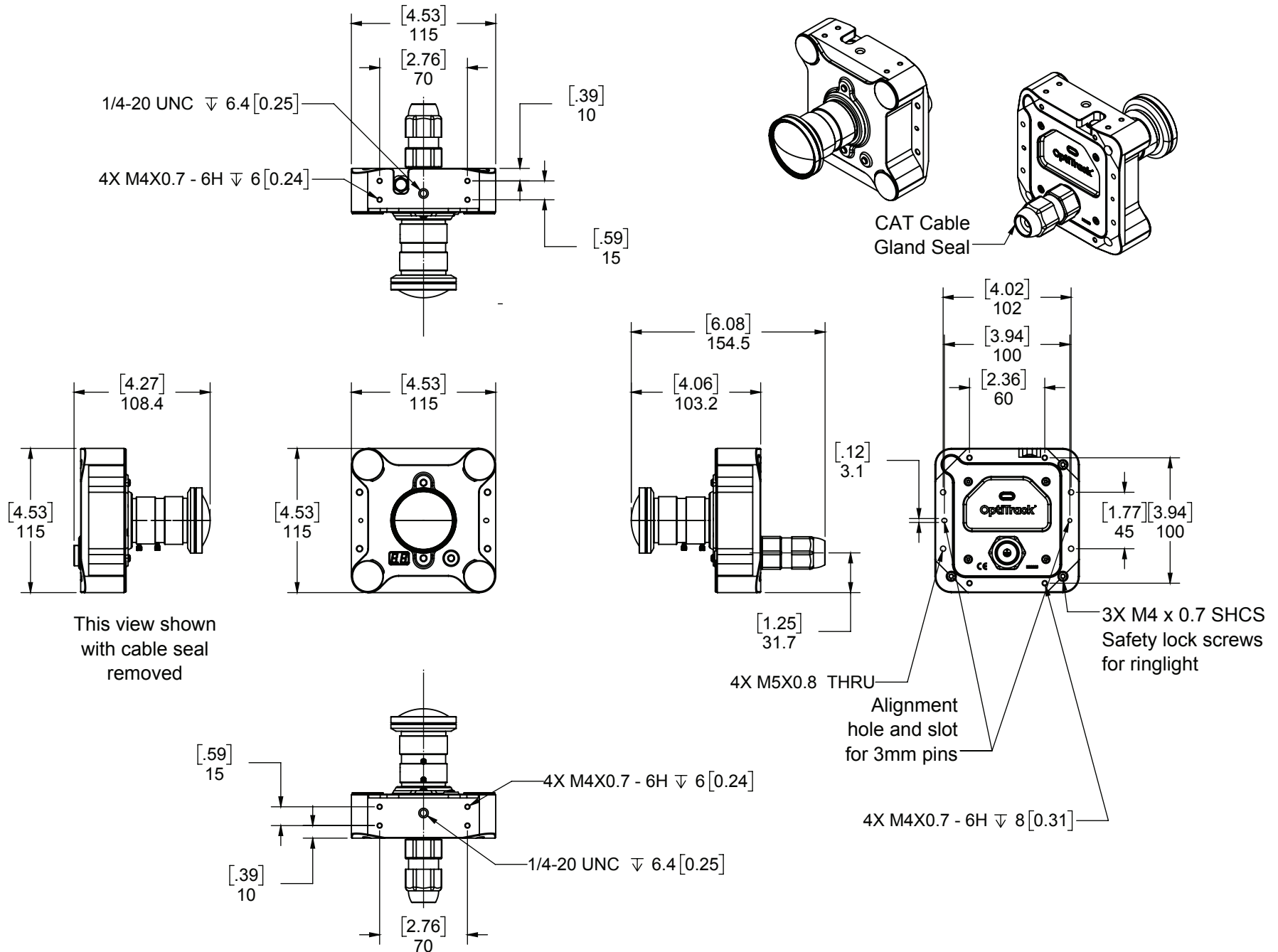
Physical Attributes							
Width	115 mm (4.53")		126 mm (4.96")		150 mm (5.91")	160.8 mm (6.33")	
Height	115 mm (4.53")		126 mm (4.96")		150 mm (5.91")	160.8 mm (6.33")	
Depth	108 mm (4.27")	113 mm (4.46")	130 mm (4.46")	140 mm (5.52")		157 mm (6.18")	164.3 mm (6.47")
Weight (includes lens)	1.00 kg (2.21 lbs)	1.86 kg (4.09 lbs)	1.01 kg (2.22 lbs)	1.92 kg (4.24 lbs)	1.91 kg (4.22 lbs)	2.10 kg (4.62 lbs)	3.74 kg (8.25 lbs)
Base Materials	Aluminum & Polycarbonate						
Color	Black & Gray						
Aim/Focus Assist Spotlights	Yes	N/A	Yes	N/A		Yes	N/A

Ringlight								
Contains	No	Yes	No	Yes		No	Yes	
Modular	Yes							
Number of LEDs	N/A	20	N/A	20		N/A	60	
LED Wavelength	N/A	850 nm	N/A	850 nm		N/A	850 nm	
LED Output	N/A	Wide , High-Power	N/A	High-Power	Wide , High-Power	N/A	High-Power	Wide , High-Power

Optical Attributes							
Lens FOV (HxV)	81° x 48°	51°x 51° 67°x 67° (optional)	51°x 51°	67°x 67°	51°x 39° 67°x 51° (optional)	51°x 39°	65°x 51°
Lens Focal Distance	6.8 mm	12 mm 8.9 mm (optional)	12 mm	8.9 mm	24 mm 18 mm (optional)	24 mm	18 mm
Aperture Size	f/1.6	f/1.8			f/2.5		
Lens Adjustable Focus	Yes						
Lens Adjustable F-Stop	Yes						

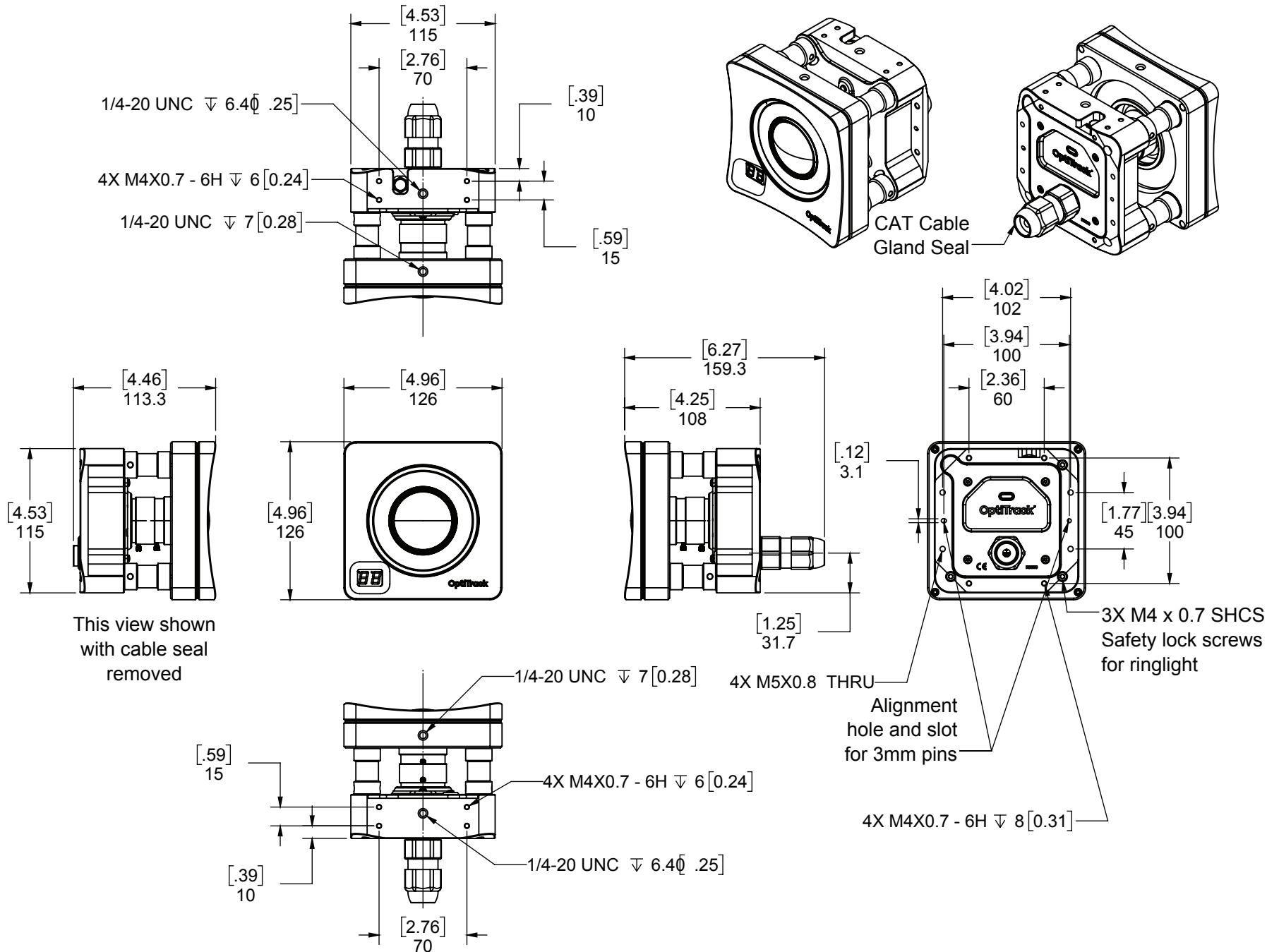
Versa^x 22

Technical Drawings



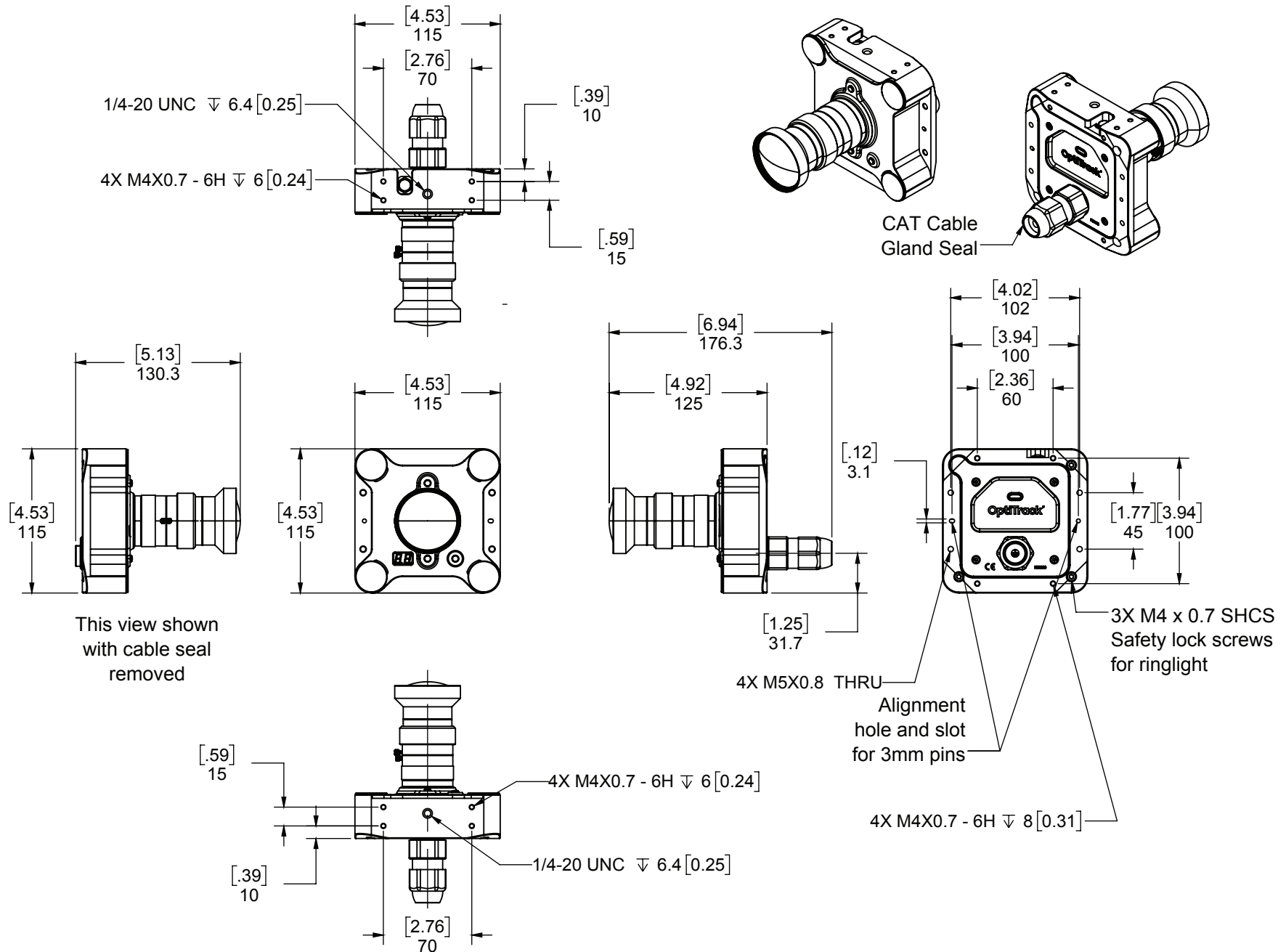
Versa^X 22W

Technical Drawings



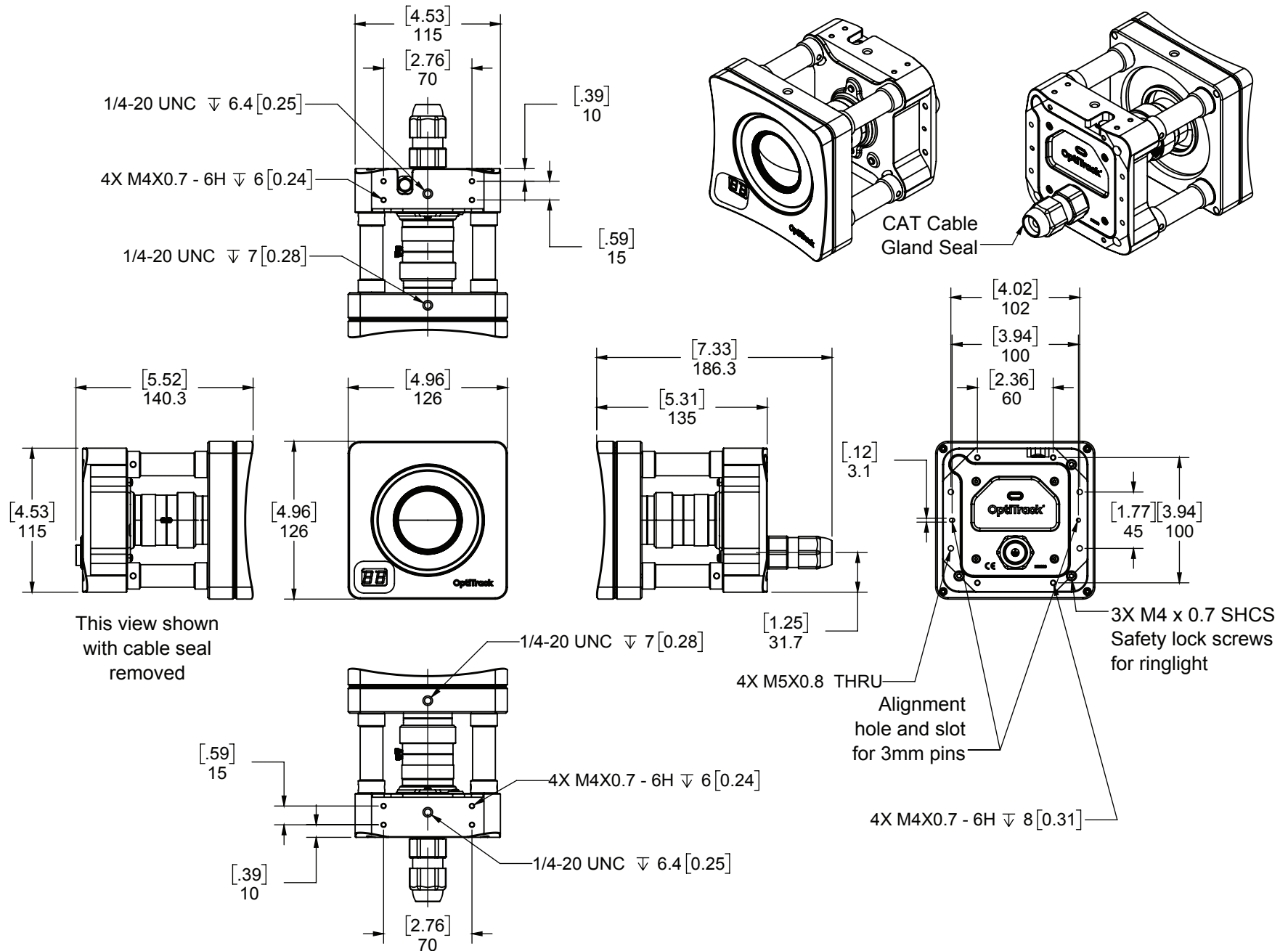
Versa^X 41 with 12mm Lens

Technical Drawings



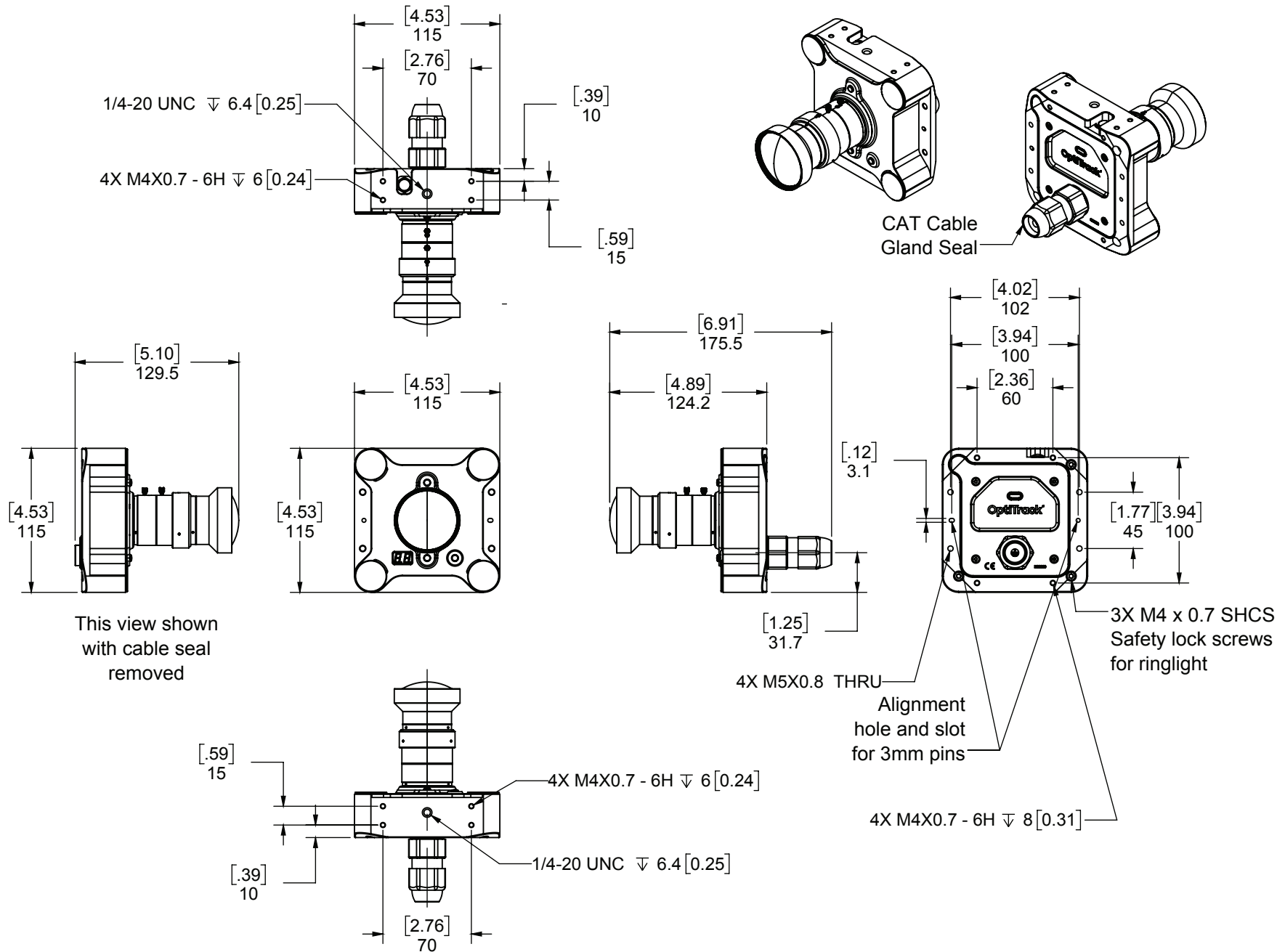
Versa^x 41N

Technical Drawings



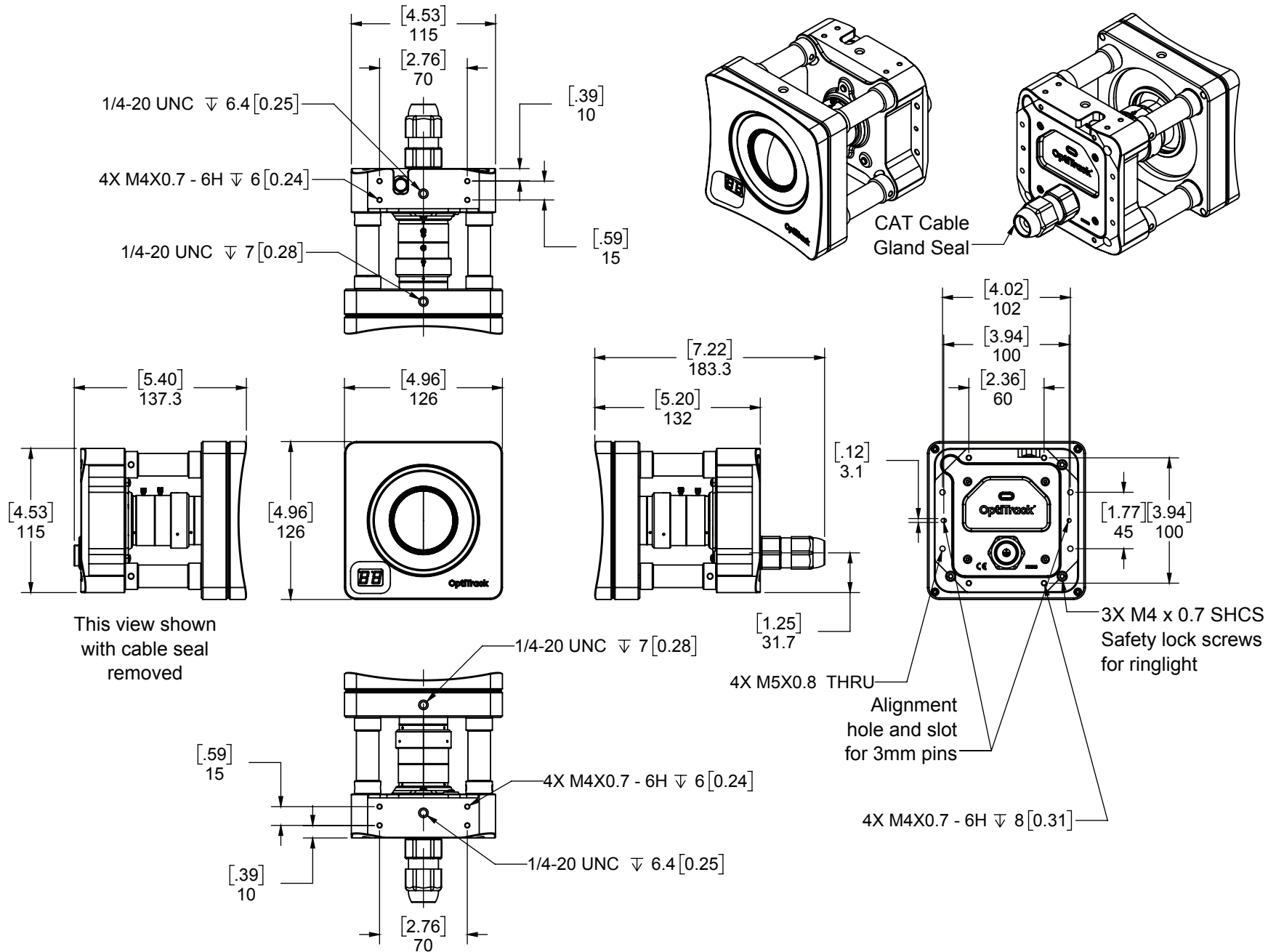
Versa^X 41 with 9mm Lens

Technical Drawings



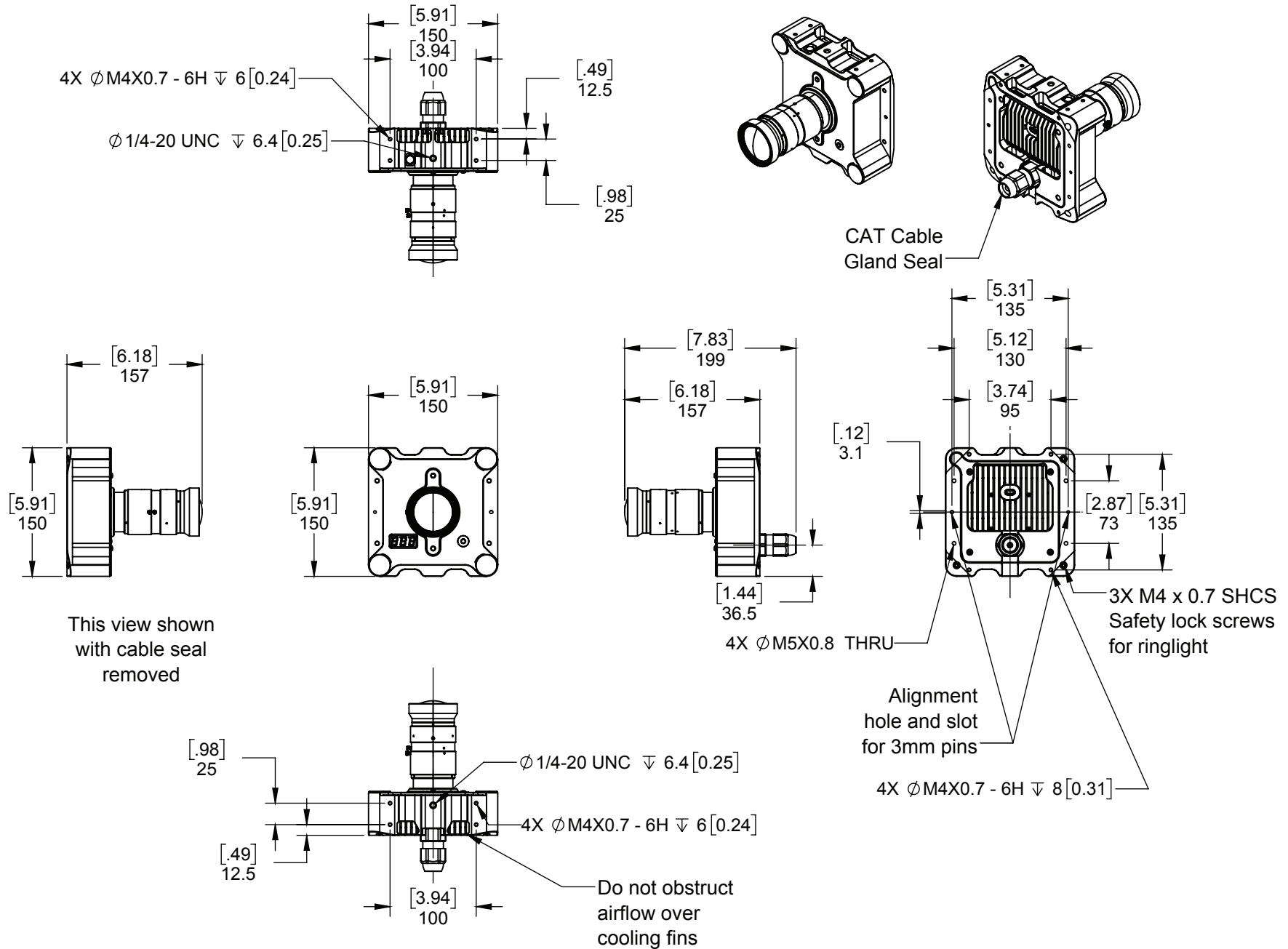
Versa^x 41W

Technical Drawings



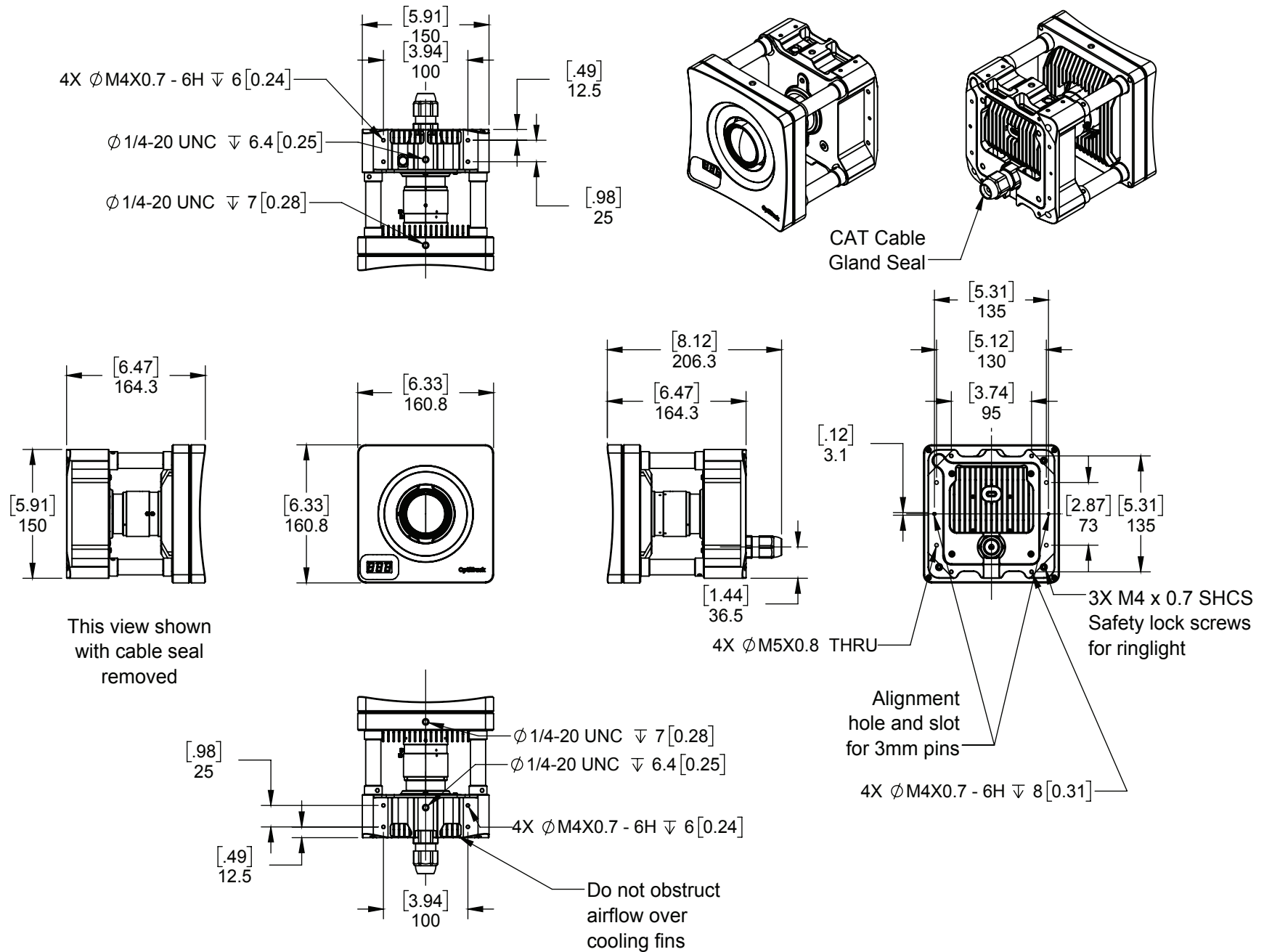
Versa^x 120 with 24mm Lens

Technical Drawings



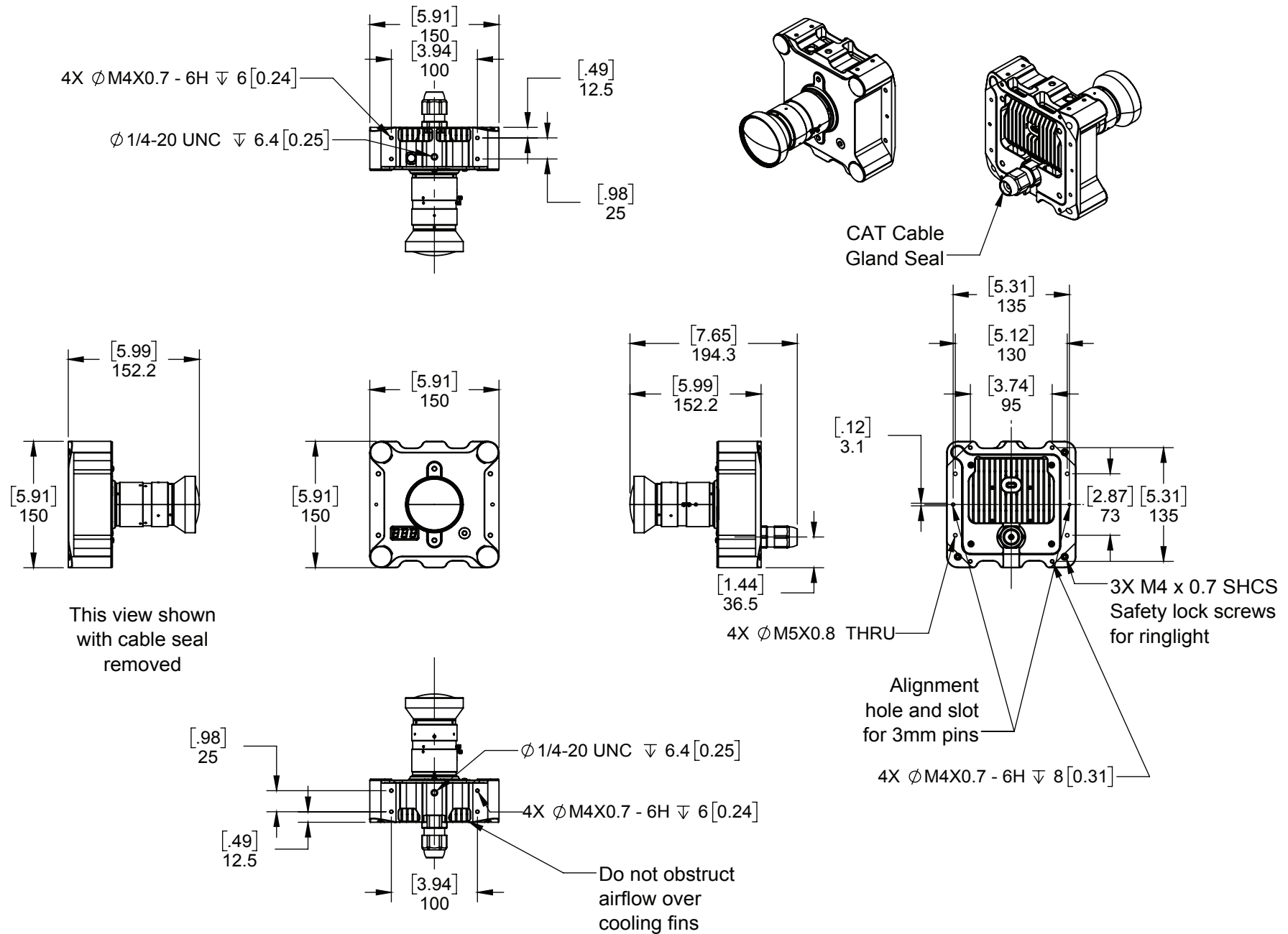
Versa^X 120N

Technical Drawings



Versa^x 120 with 18mm Lens

Technical Drawings



Versa^x 120W

Technical Drawings

