Prime^X 260/W
Product Details

Prime^X 260/W
Specifications

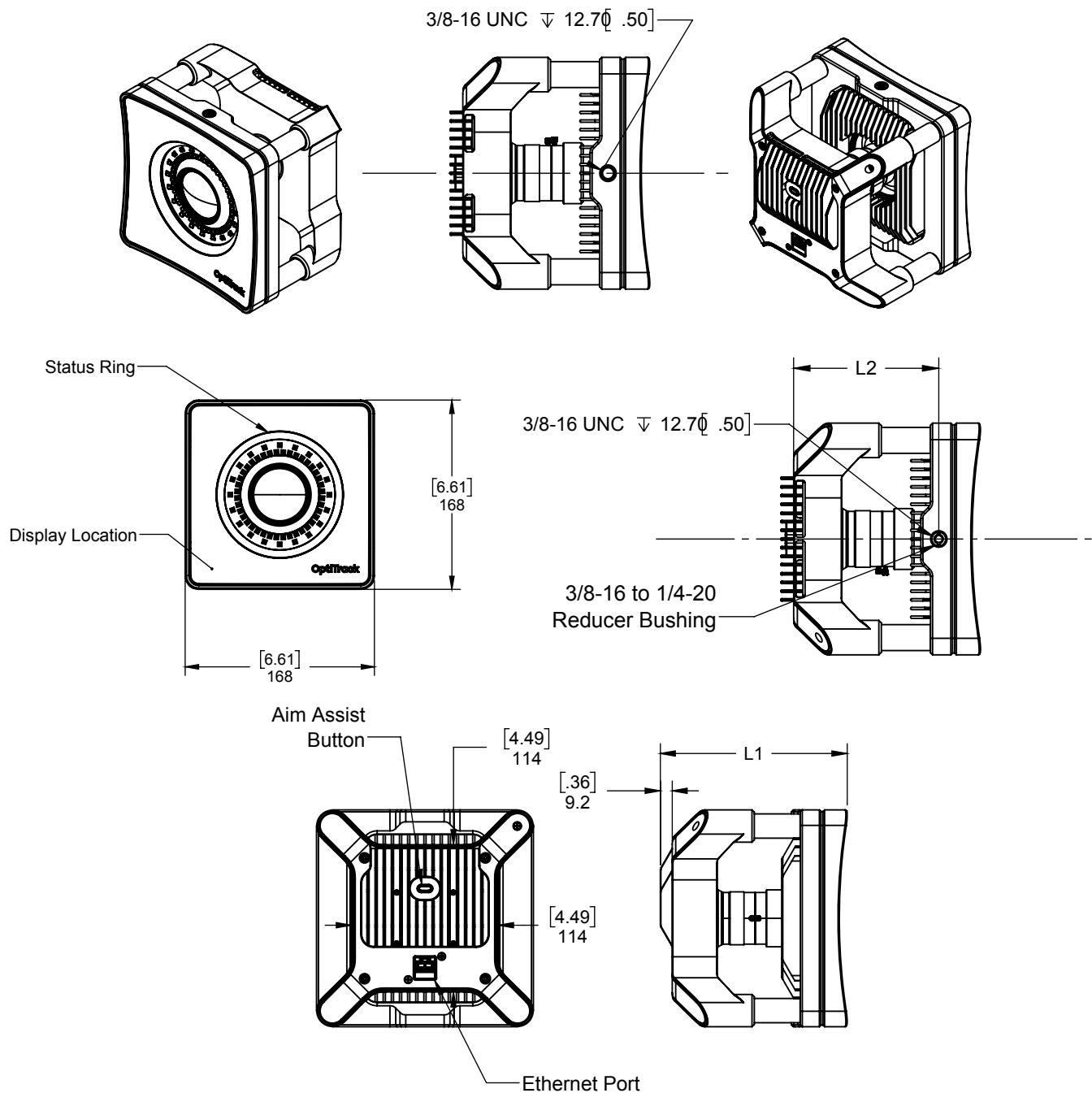|	Prime^X 260	Prime^X 260W
Performance		
Maximum Frame Rate (Full Resolution)	150 Hz	
Maximum Possible Frame Rate	1000 Hz	
Selectable Frame Rates	Yes	
Latency @ Max Frame Rate and Full Resolution	6.6 ms	
3D Accuracy	0.050mm	
Marker Type	Active/Passive	
Maximum Detection Distance	90m / 40m	90m / 40m
Sensor		
Resolution	5120x5120	
Pixel Count	26MP	
Shutter Type	Global	
Adjustable Exposure	Yes	
Shutter Speed (Default)	0.25 ms	
Shutter Speed (Max)	0.01 ms	
Shutter Speed (Min.)	6.2ms at 150fps	
Physical Attributes		
Width	168 mm (6.61")	
Height	168 mm (6.61")	
Depth	161.7 mm (6.37")	140.2 mm (5.7")
Weight (includes lens)	2.88 kg (6.3 lbs)	2.70 kg (5.96 lbs)
Base Materials	Aluminum and Polycarbonate	
Color	Black and Gray	
Aim/Focus Assist Spotlights	No	
LED Rings		
Contains	Yes	
Modular	No	
Number of LEDs	60	
LED Wavelength	850 nm / 940 nm (optional)	
LED Output	High-Power	Wide / High Power
Optical Attributes		
Lens FOV (HxV)	57° x 57°	74° x 74°
Lens Focal Length	11.8 mm	8.9 mm
Aperature Size	f/1.8	
Lens Adjustable Focus	Yes	
Lens Adjustable F-Stop	Yes	
Filter Wavelength	"850 nm bandpass 940 nm bandpass (Optional)"	
Filter Switcher	Optional	
Filter Switcher Wavelength	Visable (430-650 nm bandpass) / Selection of second filter: 780 nm bandpass 800 nm longpass 850 nm bandpass 940 nm bandpass	

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Electrical Attributes		
Power Inpt	PoE++	
	IEEE 802.3bt (Type 4)	
Power Draw (max)	90W	
Connector	RJ45	
Cabling	Cat 6 or Cat 6a(Highly recommended)	
Data Architechture		
Communication	GigE Ethernet	
Ethernet Protocol	OptiTrack Proprietary	
Camera Sync	Yes	
Image Processing	"Object Segment Raw Grayscale MJPEG Grayscale Duplex Mode (Patent Pending)"	
Grayscale Depth	10-bit	
Status Indicators		
Numeric LED	3 Digit	
Full-color LED health and activity	Yes	
Mounting		
Type and QTY	3/8-16 (2X)	
Precision Alignment	No	
Environment		
IP Rating	IP 4X	
Operational Temperature	0 - 50°C	
Storage Temperature	-40 - 70°C	
RoHS Compliant	Yes	
CE	Yes	

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Technical Drawings

3/8-16 UNC ▽ 12.70 [.50]

Status Ring

Display Location

[6.61] 168

[6.61] 168

3/8-16 UNC ▽ 12.70 [.50]

3/8-16 to 1/4-20
Reducer Bushing

L2

Aim Assist
Button

[4.49] 114

[.36] 9.2

[4.49] 114

L1

Ethernet Port

Lens Options					
Focal Length	Field of View	L1		L2	
		mm	in	mm	in
8.9mm	74° x 74°	140.25	.52	100.73	.97
11.8mm	57° x 57°	144.75	.70	105.24	.14

OptiTrack