


## Caveatron Bill of Materials – 25m LIDAR Unit


Date: 2019-02-12

Item	Qty	Manufacturer	Mfr. P/N	Description	Suggested Vendor Link	Photo
LIDAR	1	Scanse	N/A	Sweep	N/A No longer manufactured but units can still be found on Ebay from time to time.	

**Notes:** *Scanning LIDAR sensor.* Operates on 5V so separate voltage regulator not required. No longer available.

[illegible]

Item	Qty	Manufacturer	Mfr. P/N	Description	Suggested Vendor Link	Photo
LIDAR Rail Mounts	1	Weaver	49819	0.22 Caliber 1-inch Tip-Off Rings	<a href="#">Amazon</a>	
<b>Notes:</b> Parts for making the rail mounts. The top ring portion is cut off making a flat top and two threaded holes are machined into each ring base for attachment to bottom of LIDAR module enclosure.						
LIDAR Interface Jack	1	Conxall/ Switchcraft	16982- 6PG-522	Micro-Con-X 6 Position Circular Connector Plug, Male Pins Solder Cup Gold	<a href="#">Digikey</a>	
<b>Notes:</b> Jack for LIDAR interface cable. Available from multiple vendors.						

Item	Qty	Manufacturer	Mfr. P/N	Description	Suggested Vendor Link	Photo	
Window Dome	1	JMX	JMX-033	3.3 inch Acrylic Clear Camera Dome Cover	<a href="#">Ebay</a>		
<b>Notes:</b> <i>Transparent acrylic window for LIDAR Module. Glues onto custom 3D printed enclosure lid.</i>							

Assorted Fastener Hardware: Screws, Washers, and Nuts

**Notes:** *For assembly.* Several sizes of standard hardware required. To be detailed in assembly instructions.

Assorted Electrical Hardware: Wire and JST Connectors.

**Notes:** *For electrical interconnections between boards.* To be detailed in assembly instructions.