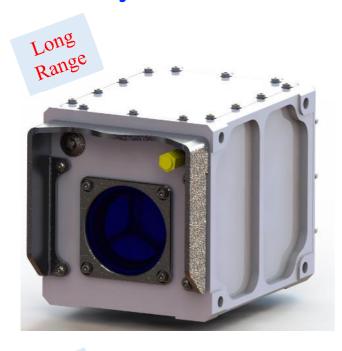
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Eyesafe LADAR ARLR-SWIR-HR





Ultra Compact

- *200m Eyesafe SWIR Laser LADAR
- * High resolution, High scan density
- * Manufactured for outdoor use

Ranging Rate _0.5 MHZ

FEATURES

Eysafe operational wavelength

Fiber laser transmitter

Low weight • Compact

Affordable cost • Cost effective

Low Maintenance • Passive cooled

Sealed IP67

Operating Temperatures -12°C to +55°C

APPLICATIONS

Autonomous vehicle Navigation

Traffic Safety

Robotic

3D objects detection and recognition

3D Mapping

3D Infrared imaging

3D live video

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MODEL: ARLR-SWIR-HR
1
1560
45
1.66@2fps, 2.6@5fps, 3.7@10fps
1
1
450,000 Programmable
10 (2 - 20)
44,500 (222500 - 22250)
0.072
0.072
200
0.02
40
100
1
10
1M, Eye safe at all ranges for the
unaided eye
DC 24 Volts
<50
RS422, Discretes, Lase Enable, System
BIT, 100 Mbps Ethernet
Laser echo waveform – optional
-12 to +55
-40 to +71
>10000
10000 operational, 40000 standby
IP67
Passive Cooling
~ 2
L166 x H108 x W102

Scan example is presented in Figure 2.

Specifications in this document subject to change without notice.









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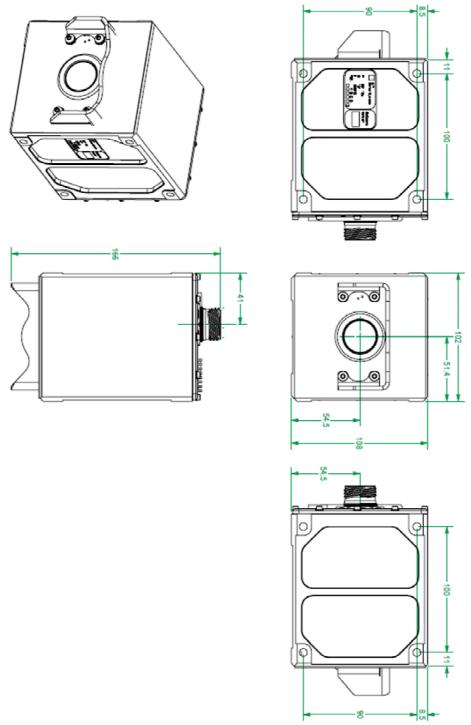


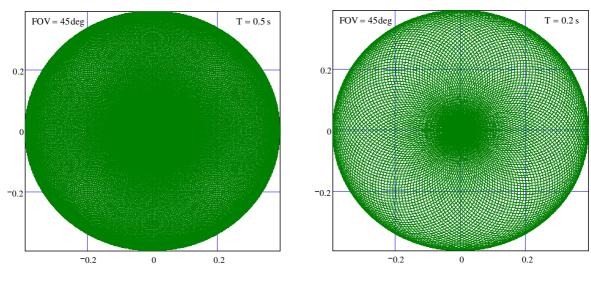
Figure 1. Mechanical Interface Drawing

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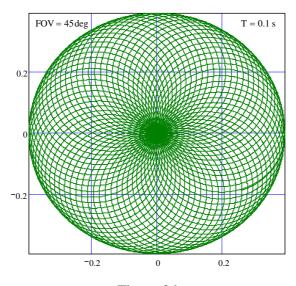


Figure 2 b

Figure 2 Scan pattern, single frame for frame rates a) 2fps b) 5fps, c) 10fps