

Intersection features and functions:

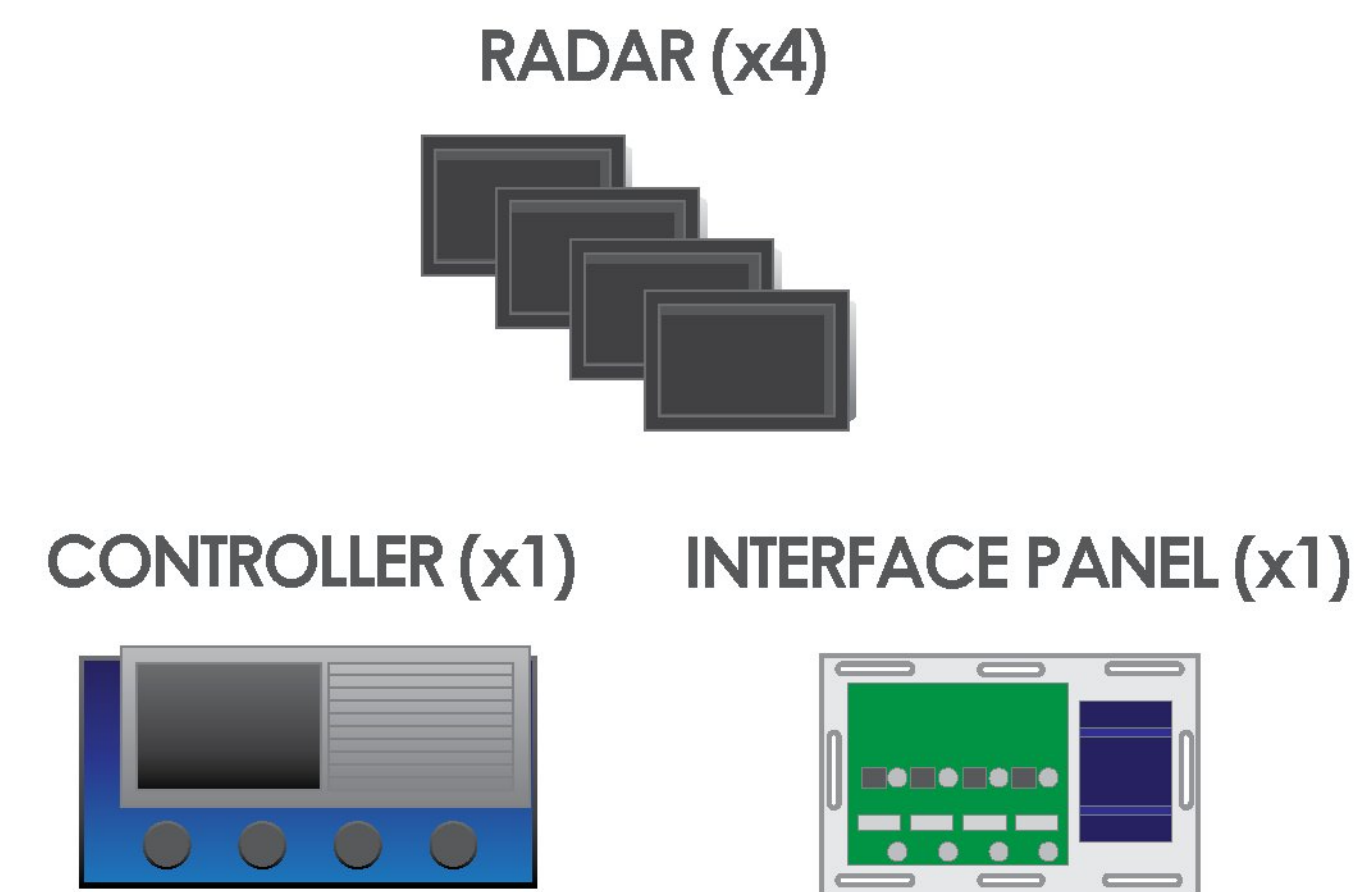
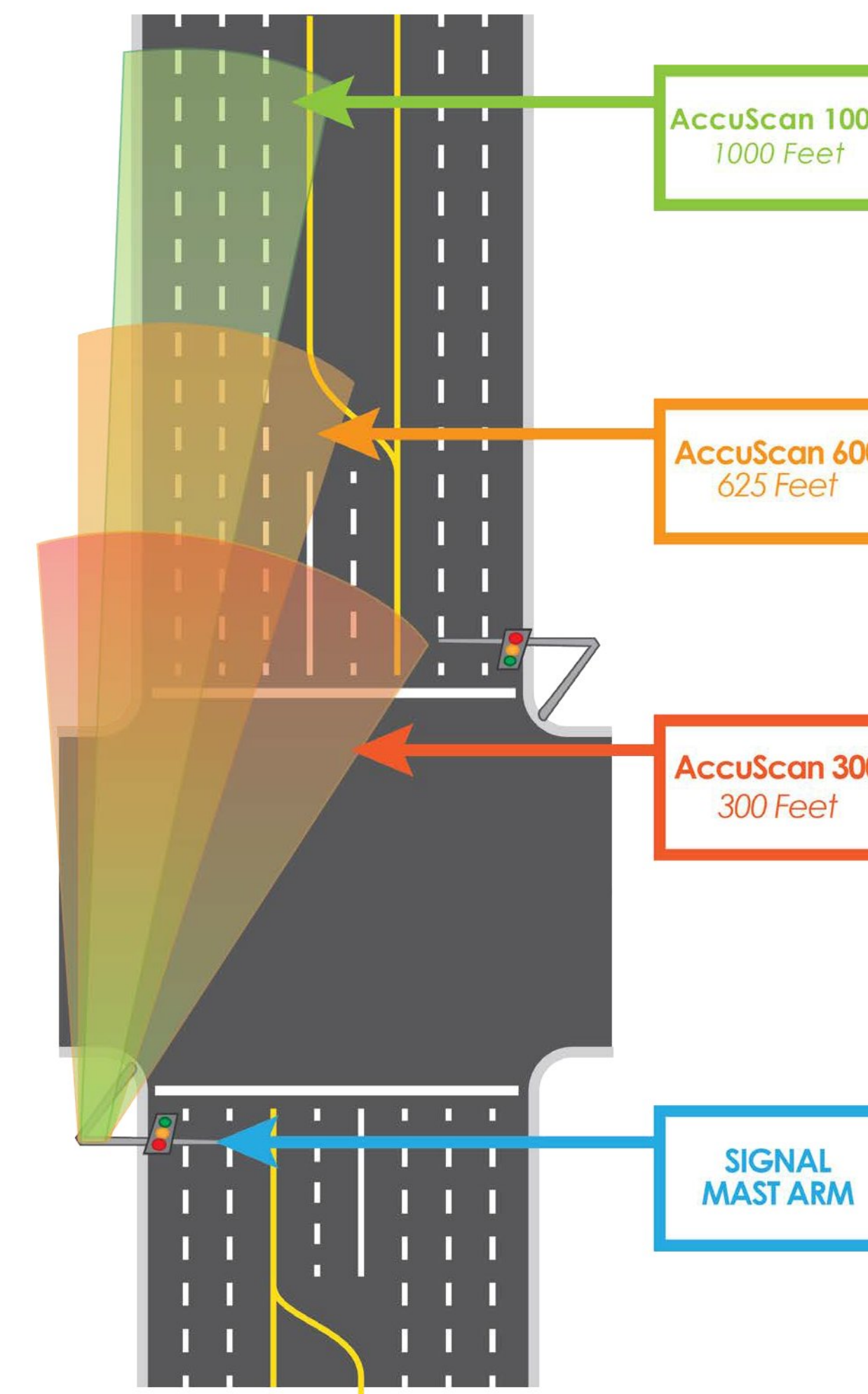
- Stop Bar Vehicle Detection for up to 6 lanes
- Counting and Classification
- Wrong Way Detection (vehicle moving opposite to the defined direction of traffic)
- Speed measurement

Installation Parameters:

- Traffic Direction: Approaching & Receding
- Typical Mounting Height: 18-24ft (6-8m)
- Typical Sensor Azimuth Angle: -12°
- Typical Sensor Elevation Angle: -6°
- Typical Stop Bar Detection Distance: 60-150ft (20-50m)
(Parameters may vary based on site geometry and detection objectives)

General Data:

- Sensor Performance
 - Maximum Range Typ. 344 ft (105m)
 - Range Accuracy: Typ. $\pm 2.5\%$ or $\pm 0.25\text{m}$ (bigger of)
 - Speed Accuracy: Typ. $\pm 0.28\text{m/s}$ or $\pm 1\%$ (bigger of)
 - Update Time: $\leq 50\text{ms}$
 - Track Initialization Time: 6-10 cycles
 - Simultaneously Tracked Objects: up to 64
- Interface
 - RS485 half/full duplex
 - 100BaseT Ethernet
- Environmental
 - Ambient Temperature: -40°F to +185°F (-40°C to +85°C)
 - IP 67 (with connector mated)
- Mechanical
 - Weight (Approximate): 10.22oz (290g)
 - Dimensions (LxDxH)...3.7in x 1.5in x 3.3in (95mm, 38.1mm, 85mm)
 - Connector: Hirose LF10 series circular type
 - Power Supply: 24VDC, 3.7W
 - Frequency Band: 24GHz
- Compliance
 - ETSI EN 300-440, FCC part 15, RSS-310, RSS-210, SRRC, KCC, NCC
- Warranty
 - 2 Years
- Product support and training available through the EGI Learning Centre



CABINET INTERFACE

