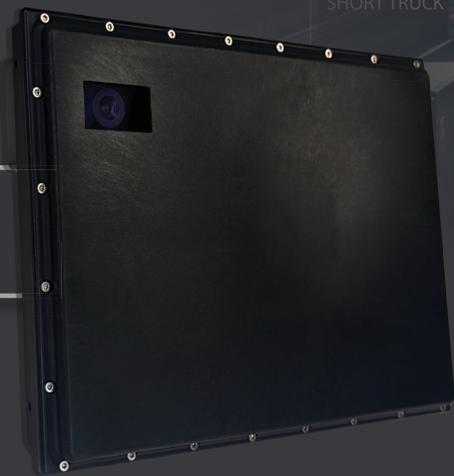


## TRUGRD<sup>®</sup> STREAM | Premium Line

THE MOST ADVANCED DETECTION TECHNOLOGY



**3D/ UHD+ RESOLUTION**

combined with video



**RECOMMENDED FOR:**

-   
SMART CITIES
-   
INTERSECTION MANAGEMENT
-   
HIGHWAY MANAGEMENT
-   
STATIONARY ENFORCEMENT
-   
BRIDGE MONITORING
-   
RED-LIGHT ENFORCEMENT
-   
TUNNEL MONITORING

### RADAR TECHNOLOGY COMBINED WITH VIDEO

- ✓ Detects moving and stopped traffic
- ✓ Seamless object tracking
- ✓ Fail-safe features
- ✓ Multi-lane, multi-object detection
- ✓ Supreme low-light performance camera
- ✓ Works in all weather conditions

<b>TRUGRD<sup>®</sup> Stream</b>	
<b>CAMERA MODULE</b>	Color camera with IR cut filter and supreme low light performance
Resolution, Frame Rate	1920 x 1080 px, up to 30 fps
Video Codec	H.265, H.264, MJPEG
<b>PERFORMANCE</b>	
Operating Frequency <sup>1</sup>	24.0 ... 24.25 GHz
Resolution	3D measurement with UHD+ resolution
Detection Range Pedestrian	125 m   410 ft
Detection Range Passenger Car	260 m   853 ft
Detection Range min ... max	1.5 ... 300 m   4.9 ... 984 ft
Range Separation	2 m   6.6 ft
Range Accuracy	< ± 0.25 m   < ± 0.82 ft
Speed min ... max	-320 ... +320 km/h   -199 ... +199 mph
Speed Separation	0.23 m/s
Speed Accuracy	< ± 0.1 m/s
Number of Lanes	Up to 12 lanes
Field of View Azimuth	-55° ... +55°
Field of View Elevation	-10° ... +10°
Angle Separation Azimuth	< 6°
Angle Accuracy Azimuth	< 0.5°
<b>MECHANICAL</b>	
Weight	1575 g   55.5 oz
Dimensions	213 x 155 x 32 mm or 8.4 x 6.1 x 1.3 in + connector
<b>GENERAL</b>	
Update Cycle Time	50 <sup>2</sup> ms
Operating Voltage / Power Consumption	7...32 V / 11 W
Operating Temperature	-40...+74°C   -40...+165°F
Interfaces	Ethernet <sup>3</sup>
Connector	Hirose LF10 series
IP	67

<sup>1</sup> In certain regions, frequency intervall starts at 24.05 GHz.

<sup>2</sup> Depending on the application - Speed Enforcement 50 ms; Intersection and Highway Management 100 ms.

<sup>3</sup> Necessary for video output.

