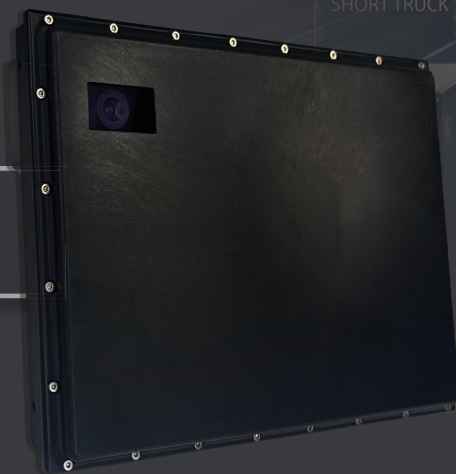


TRUGRD[®] STREAM | Premium Line

3D/ UHD+ RESOLUTION

combined with video



ID06736
090km/h
LONG TRUCK

ID06737
098km/h
LONG TRUCK

ID06885
155km/h
CAR

ID06884
118km/h
CAR

ID06883
120km/h
CAR

ID06882
95km/h
LONG TRUCK

ID06738
110km/h
SHORT TRUCK

ID06739
120km/h
CAR

ID06880
130km/h
CAR

ID06881
122km/h
CAR

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

	TRUGRD® Stream
CAMERA MODULE	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
PERFORMANCE	
Operating Frequency ¹	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°
MECHANICAL	
Weight	1575 g 55.5 oz
Dimensions	213 x 155 x 32 mm or 8.4 x 6.1 x 1.3 in + connector
GENERAL	
Update Cycle Time	50 ² ms
Operating Voltage / Power Consumption	7...32 V / 11 W
Operating Temperature	-40...+74°C -40...+165°F
Interfaces	Ethernet ³
Connector	Hirose LF10 series
IP	67

¹ In certain regions, frequency intervall starts at 24.05 GHz.

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

³ Necessary for video output.

