


Product Selector Guide

Features	<u>DR600</u>	<u>SS400U</u>	<u>SS400</u>	<u>PD300</u>
				
Radar Type	24 GHz K-Band Directional Doppler	24 GHz K-Band Directional Doppler	24 GHz K-Band Directional Doppler	24 GHz FMCW Presence Detection Radar
Typical Beam Angle	9°x18°	38°x45°	38°x45°	PD300 - 38°x45° PD310 - 20°x60°
Size (LxWxD)	Open Frame: 85x70x18 mm (3.35x2.76x0.71 inches) Weatherproof: 105x93x29 mm (4.1x3.7 x1.1 inches)	Open Frame: 45x50x15 mm (1.8x2.0x0.6 inches) Weatherproof: 52x48x26mm (2.0x1.9x1.02 inches)	Open Frame: 45x50x15 mm (1.8x2.0x0.6 inches) Weatherproof: 52x48x26mm (2.0x1.9x1.02 inches)	Open Frame: 45x50x15 mm (1.8x2.0x0.6 inches) Weatherproof: 52x48x26mm (2.0x1.9x1.02 inches)
Typical Pickup Distance (compact car)	760+ m (2500+ feet)	90 m (300 feet)	90 m (300 feet)	37m in Highway/24m in Intersection mode (120/80 feet)
Power Usage/Nominal Supply	98 mW/5 to 24VDC (8.1mA @12V)	300 mW/6 to 18VDC (25mA @12V)	54 mW/6 to 18VDC (4.5mA @12V)	180 mW 5.5 to 18VDC (15mA @12V Avg.)
In-Radar Traffic Statistics Option	Yes (Optional)	No	Yes (Optional)	No
Input/Output Capability	2x RS232 2x 500mA trigger output	1x RS232 & 1 CMOS serial 2x 135mA trigger output	1x RS232 & 1 CMOS serial 2x 135mA trigger output	1x RS232 serial, 1x SPI 6x 150mA trigger output
Firmware Field Upgradeable/Software Configurable/SDK Programming	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Weatherproof packaging	Open Frame & Weatherproof options	Open Frame & Weatherproof	Open Frame & Weatherproof options	Open Frame & Weatherproof options
Approvals as of document date	FCC, CE, IC	FCC & CE	FCC, CE	FCC, CE

Detailed data sheets available on our website
<http://houston-radar.com>



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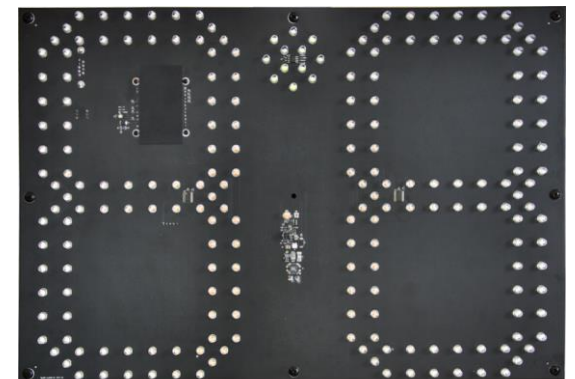
➔ Advanced In-Radar Traffic Statistics & Analysis Package

- Unique best in class traffic statistics gathering and storage option for traffic estimation purposes while measuring speed
- Simultaneous multi-vehicle traffic tracking and storage inside the radar for up to 60+ days of traffic
- Excellent collection accuracy for 1 and 2 lane incoming traffic
- User selectable 1 minute to 60 minute binning and storage intervals
- Live histogram feature to monitor “live” traffic from the radar for remote monitoring applications
- Available with MS Windows® 7/8/10 Statistics analyzer package for retrieving, viewing and analyzing data via interactive graphs and tabular reports



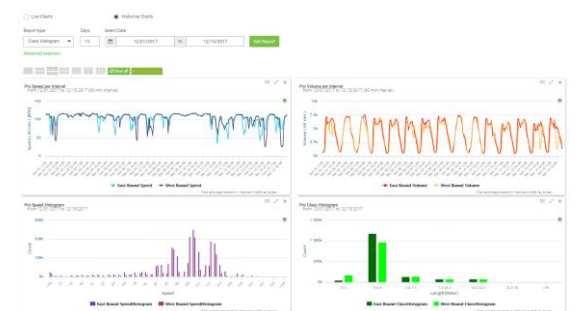
➔ PNL10: 24GHz K-Band Radar Speed Display Kit

- Best in class ultra-low power K-Band Doppler speed measurement and display building block
- Highly integrated design with our 90+m range SS400 Doppler radar directly driving two 27mm tall 7-segment digits
- Ultra thin 28mm design allows thin and light traffic calming and VATCS products
- Innovative built-in features:
 - Ganged rotary switch to set low speed, high speed cutoff and violator speed limits without using computer or PDA
 - Ambient light sensor to automatically set optimal display brightness
 - Ambient temperature compensation of LED drive voltage from -20C to +85C operating temperature range
 - Power supply boost regulator allows 5.5VDC to 16VDC input options at maximum efficiency
 - White LED strobe can be activated above violator speed or high speed cutoff



➔ Tetryon

- Houston Radar’s Tetryon traffic server is a customizable cloud server used to aggregate data from multiple SpeedLanes in one central location.
- Comprehensive, web-based interactive graphing and reporting of live and historical data
- Able to recover up to three months’ collected data from the radar’s internal memory in the event of communication outage
- Map view provides live updated speed and status of multiple radars on Google satellite maps
- Allows user to create alerts that provide visual or email notifications of traffic conditions
- Simultaneous access by multiple users via all popular browsers, including Chrome, Firefox, Explorer, and Safari.
- Mobile-friendly website interface



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