



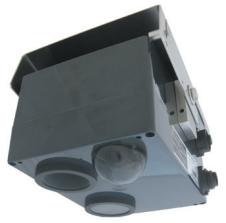
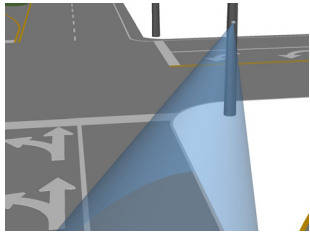
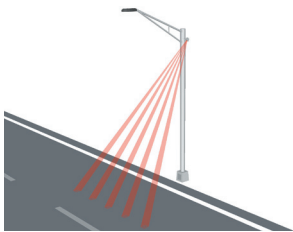
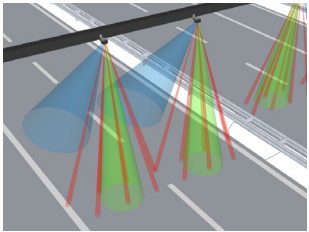
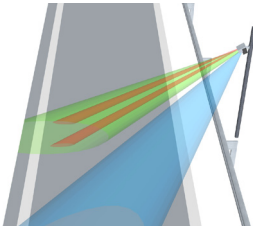
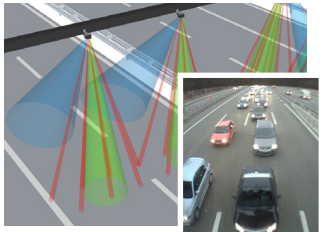


Traffic Detector Reference Chart

Detector					
Sample application illustration					
Detector Family	TDD1-MW	TDC1-PIR	TDC3	TDC3-S	TDC-4
Mounting	roadside or overhead	roadside or overhead	overhead	roadside	overhead
Detection range	30 m / 75 m (100 ft. / 250 ft.)	-	-	-	-
Distance to lane	-	5.5 - 18 m (18 - 60 ft.)	5 - 7 m (16.5 - 23 ft.)	3 - 11 m (10 - 36 ft.)	5 - 7 m (16.5 - 23 ft.)
Alignment	manual	alignment tool (opt. camera & display)	level built into bracket	software assistant	level built into bracket
Sensing technologies	Doppler radar	4+1 channel passive infrared	Doppler radar, multi-channel passive infrared, ultrasound		Doppler radar, multi-channel passive infrared, ultrasound, snapshot camera
Power supply	5 - 60 V DC / 24 V AC	5.5 - 30 V DC	10.5 - 30 V DC		10.5 - 30 V DC
Power consumption typical (max.)	0.55 W (0.6 W)	56 mW (60 mW)	0.96 W (1.32 W)		1.92 W (2.28 W)
Data interface	-	RS 485 @ 9600 baud	RS 485 @ 9600 baud		RS 485 @ 9600 baud
Digital output	SPDT relay	transistor output (optional)	transistor output (optional)		transistor output (optional)
Vehicle detection	approaching, receding, bi-directional	approaching, wrong-way driver	approaching, wrong-way driver		approaching, wrong-way driver
Speed threshold / Speed accuracy	low-speed threshold 3 km/h - 5 km/h	± 5% (> 100 km/h) ± 5 km/h (≤100m/h)	< 2.2% (> 100 km/h) < 2.5 km/h (≤100 km/h)		<2.2% (> 100 km/h) <2.5 km/h (≤100 km/h)
Vehicle classification	-	up to 3 classes by vehicle length	up to 8 TLS classes by vehicle height-profile	2 classes by vehicle length	up to 8 TLS classes by vehicle height-profile
Occupancy time	-	0-655.35 sec	0-655.35 sec		0-655.35 sec
Time gap	-	0-655.35 sec	0-655.35 sec		0-655.35 sec