



# OVS-01CC

## Vehicle counting sensor

The OVS-01CC from OPTEX is designed to reliably detect and count moving vehicles up to 60km/h. It also eliminates the hassle associated with the installation of a ground loop. No more concrete cutting required. The OVS-01CC can be mounted at 500mm from the ground and can detect both small and large vehicles.



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## Vehicle counting sensor

### Moving vehicle counting

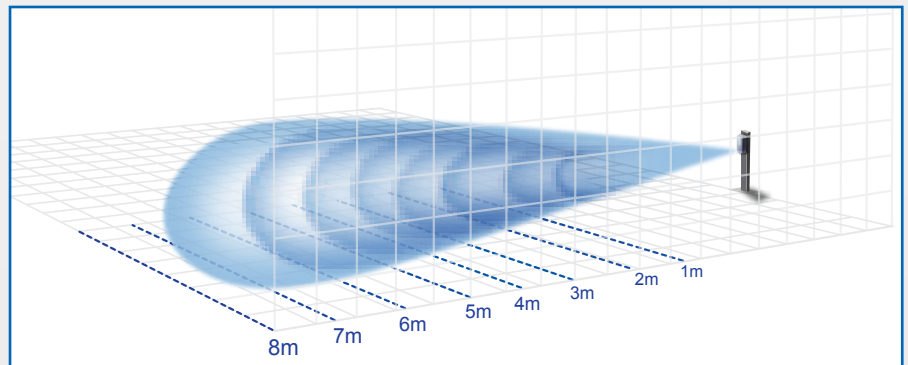
The OVS-01CC is designed to count moving vehicles up to 60km/h. It is installed above ground and can be mounted on a pole or post. Its detection area can be customised with 8 range settings, 5 sensitivity settings and one-touch calibration.



### Easier and more cost-effective installation

With the OVS-01CC there is no need to stop traffic or engage in engineering work during installation. The vehicle counter can be mounted quickly and easily on a pole or on the wall; the calibration is done easily. No additional loop detector is required.

### Adjustable microwave patterns



Microwave detection patterns (blue above) are adjustable from 1m to 8m. The OVS-01CC also features 5 sensitivity settings.

### OVS-01CC Specifications

Detection method	Microwave (Doppler shift and FMCW)	
Frequency	24GHz	
Response time	300msec	
Power supply	12-24VDC	
Current consumption	Max 190mA (at 24VDC) with Heater ON Max 70mA (at 24VDC) when Heater is OFF	
Output	Relay output DC30V, 0.3A (NO/NC switchable)	
Input	NO/NC input	
Detection range	1m to 8m programmable maximum range	
Detectable vehicle speed	2 to 60km/h (1.24mph-37.28mph)	
Parameters	Sensitivity	Level 1 to 5
	Outputs	2 x (N.O. / N.C) Contacts
	Max. Range	1m, 2m, 3m, 4m, 5m, 6m, 7m, 8m.
Indicator	Normal operation	Stand-by: Solid Green, Detection: Solid Red, Unsuitable environmental notification: Slow Blinking Green
	Detection area check	Non detection: Blinking Green Detected: Blinking Red
	Calibration	Getting ready: Slow Blinking Blue, Calibrating: Quick Blinking Blue
	Sensor reset	Reset completed: Blinking yellow for 2 seconds
Operation temperature	-30°C to 50°C (-22°F to 122°F)	
Operation humidity	95% max. (non-condensing)	
International Protection code	IP65	
Installed condition	Indoor/Outdoor	
Installation height	Installation Height of 500mm. (19.69in.)	
Horizontal angle adjustment	Horizontally: +/-30 deg. (5 deg. steps)	
Weight	480g (Including accessories)	
Accessories	4 screws and installation manual	



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