

PROXIMITY WARNING DEVICE – PWS 30

(Mfgd. As per DGMS Guidelines)

This system is a new design of radar system, which uses a short-range K-band millimeter-wave radar sensor system to monitor the distance about 30 meters, and uses FMCW mode to detect the distance, speed and angle of moving targets, with high ranging and speed measurement accuracy.

Product Features

1. The radar system consists of 1 radar sensor, 1 cameras and 1 control box; The new design anti-collision radar system is simple to install, more stable and reliable in quality and strong in anti-jamming.
2. High-precision range detection. The system can set the predicted distance (which should be set before delivery).
3. Radar uses CAN interface to communicate.
4. With wide voltage power supply.
5. Dustproof and waterproof grade is IP67.



Specifications :

Radar Main Box		Radar Sensor	
Operating Voltage	12 – 24 V	Transmission frequency	24.00 - 24.20 GHz
Operating Current	210 mA / 12 V	Transmission power	20 dBm
Video Signal type	AHD 720 P	Update rate	20 Hz
Signal Standards	NTSC/PAL	Power consumption	1.8 W MAX @12 V DC 25°C
Operating Temperature	-20°C — 70°C	Distance measuring range	Passenger cars 0.1 – 30 m, pedestrians 0.1 – 15 m
Operating Humidity	RH50%~95%	Operating Voltage	12 – 24 V
Storage Temperature	-40°C — 85°C	Operating Temperature	-40°C - 85°C
		Storage Temperature	-40°C-95°C
		Maximum Operating Current	Max: 200 mA @12 V DC
		Detection Angle	Horizontal degrees: 56, vertical degrees : 40
		Installation height	40 – 150 cm
		Distance accuracy	0.1 m