

PROXIMITY WARNING DEVICE

RADAR WAVE DETECTION SYSTEM

20tMTR to 40MTR

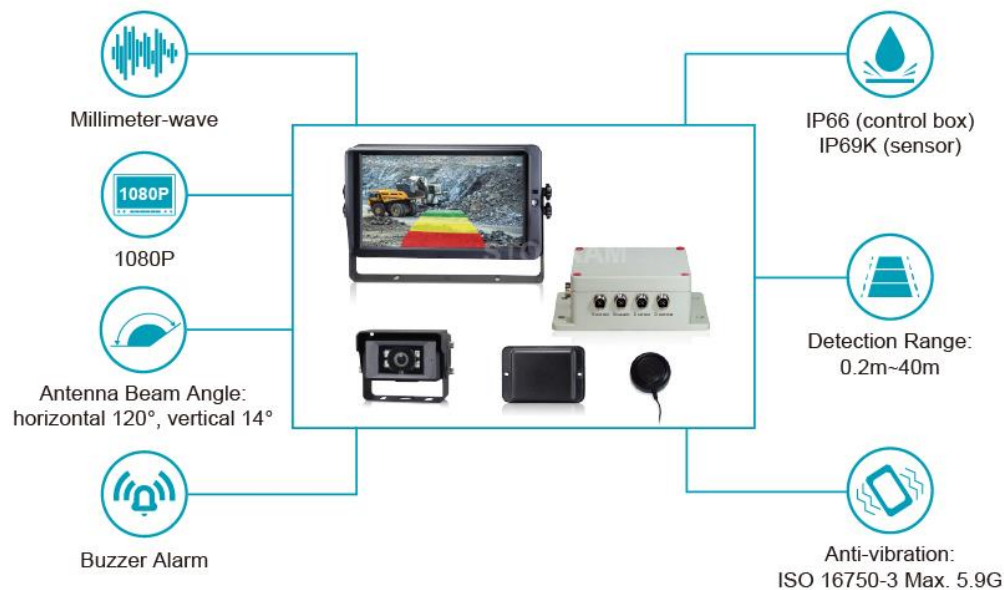


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FEATURES

STONKAM® 1080P 77GHz Radar Detection System is built on millimeter wave technology allowing for good performance in all weathers. It's highly helpful for obstacle detection when reverse or park and widely used in large vehicles such as trucks, construction machinery, and agricultural machine. More radar alarm systems are available here.

- ❖ This radar alarm system includes a 1080P camera (FHD-639) and a monitor (HD-261D)
- ❖ Support high definition 1080P input and output
- ❖ 77GHz Millimeter-wave Radar technology
- ❖ Support detection range and width Limit
- ❖ AHD Image alarm overlapping
- ❖ Detection distance and alarm mode can be set on the computer by connecting the control box to computer with a USB to UART conversion cable
- ❖ Support Wi-Fi connection, users can configure the detection distance and alarm mode by computer or mobile phone (optional)
- ❖ All-weather operations; work 24 hours



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SPECIFICATION

Frequency	76.00...77.00GHz
Transmitter Type	FMCW
Power Supply	10 to 32V DC
Detection Range	Detection length limit 0.2~20m, width limit, up to 3 detection zones (distance of each zone can be configured)
Detection Zone Visualization	Green (furthest), Yellow(middle), Red (closest)
Detection Tolerance	+/- 15 cm
Antenna Beam Angle	120° (Horizontal), 14° (Vertical)
Trigger Input ×1	Trigger from vehicle, high active
	Range above +10Vdc, up to supply voltage
Alarm Output ×1	Switched to Ground when activated
	Loading up to 1.0A
Video format	720P 25fps/30fps, 1080P 25fps/30fps
Wi-Fi module	2.4GHz (Option)
Operating Temperature	-20 ~ +70°C
Storage Temperature	-30 ~ +80°C
IP Protection	IP69K (sensor), IP66(Control Box)
Vibration Rating	5.9G
Dimensions	Sensor: 106.6(W) ×72.9(H) ×34.5(D) mm
	Control Box: 152.6(W) ×89.2(H) ×53.8(D) mm
Weight	158.8Grams (sensor), 240Grams (control box)
Mounting	Two (4.5mm) diameter mounting holes (sensor)
	Four (6mm) diameter mounting holes (control box)

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