

## 1080P 77GHz Millimeter Wave Radar Detection System

### FEATURES

- 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
- All-weather operations; work 24 hours



Operation Frequency	76.00...77.00GHz
Transmitter Type	FMCW
Power Supply	10 to 32V DC
Detection Range	Detection length limit 0.2~40m, width limit, up to 5 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(Optional)
Operating Temperature	-40 ~ +85°C (sensor) -20 ~ +70°C (Control Box)
Storage Temperature	-30 ~ +80°C
Waterproof Rating	IP69K (sensor), IP66(Control Box)
Anti-vibration	ISO 16750-3 2012 (5.9G)
Dimension	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)