

# KX-F2501R2

Radar Detector



## Technical Specification

Model	KX-F2501R2
Antenna Type	Flat mirco beam array antenna
Radar Mechanism	Single-frame continuous beam
Microwave Working Frequency	24.125GHz
Send Power	9.5dBm=8.9mW
Antenna 3dB Beam Width	4.6 ° (H) x 6.8 ° (v)
AD Sampling Rate	25KHz
Working Mode	Approaching , away
Lane Amount	Single-lane
Detect Info	Speed ( Instant )
Capture Rate	≥95%
Speed Measuring Accuracy	±1Km/h
Speed Detect Range	10-250Km/h
Communication Interface	StandardRS-232
Cable Definition	Red : DC12V+ or AC24V , Black : DC12V or AC24V2 , White : Trigger Out , Yellow : RS232 RXD , Green : RS232 TXD , Orange : RS232 GND
Power Input	DC 12V/AC 24V Over voltage, over current, miss connection protection Can supplying the power to the device safely and stably.
Power Consumption	< 5W
Interface Protection	There are over voltage and over current protection for all the corresponding interfaces.
Working Environments	Working temperature: -30°C ~ + 70°C Working humidity: 10% ~ 90%
Dimensions (MM)	Radar : 250mm*155mm*65mm Bracket : 163.4mm*100mm*155mm
Unit Weight	1Kg (Excluding bracket)