



## **IR600C** Long Range Detection Thermal Imager

(cooled)

**Applicable to anywhere needing early detection**

### **Features:**

**600mm focal length, extra-long working range**

**30km vessel detection / 300km aircraft detection**

**3 FOVs**

**Minimized size & extra-compact architecture, suitable for vehicle borne applications**

### **Technical Specifications**

<b>Detector Type:</b>	<b>Cooled FPA, 320 × 256, 30 μ m</b>
<b>Spectral Range:</b>	<b>3~5 μ m</b>
<b>Optics:</b>	<b>600/150/22mm F4.0</b>
<b>Field of View:</b>	<b>0.92 × 0.73 (NFOV) 3.67 × 2.93 (MFOV) 24.6 × 19.80 (WFOV)</b>
<b>Size:</b>	<b>400mm × 300mm × 215mm</b>
<b>Weight:</b>	<b>&lt;13kg</b>
<b>Environmental Specifications:</b>	<b>Military standard</b>
<b>Detection Range to Vessels (tonnage= 5000t, width= 8m):</b>	<b>30km</b>
<b>Detection Range to Aircraft (wing span= 8m):</b>	<b>&gt;300km</b>
<b>Detection Range to Tanks (2.3mx 2.3m):</b>	<b>&gt;20km</b>
<b>Recognition Range to Tanks (2.3mx 2.3m):</b>	<b>&gt;12km</b>