

- The following thermal camera specifications have been identified as required to achieve substantial surveillance performance:

Pan range	360°
Tilt range	at least -60°, +60°
Zoom	at least x2
Power requirement	12/24 [VDC]
Resolution	at least 320x240
Power consumption	less than 20[w]
Video	Standard video output formats
Relative Humidity	Higher than 70%
Salt mist	IEC 60945 standard
Wind resistance	> 80 mph or 100 kmph
Range performance	detection of person in water at least from 400[m], detection of small vessel at least from 1[km]
Compliance	Maritime environment compliance is needed

- Moreover, the thermal camera should be able to withstand rugged and rough maritime environments and should be well-tested equipment under the above conditions.