

## FLIR Tau Distance Chart

Table 1-1: Tau 640 Camera Lens Range Performance (Standing Man—1.5m by 0.5m)

13mm Lens	45° HFOV	390 meters—Detection 95 meters—Recognition 47 meters—Identification
19mm Lens	32° HFOV	570 meters—Detection 144 meters—Recognition 72 meters—Identification
25mm Lens	25° HFOV	820 meters—Detection 210 meters—Recognition 104 meters—Identification
35mm Lens (3/1.4)	18° HFOV	960 meters—Detection 245 meters—Recognition 122 meters—Identification
60mm Lens	10.4° HFOV	450 meters—Recognition 225 meters—Identification 1750 meters—Detection
100mm Lens	6.2° HFOV	650 meters—Recognition 330 meters—Identification



## DRAMATIC REDUCTION IN SIZE, WEIGHT AND POWER (SWaP) WITH NO REDUCTION IN PERFORMANCE

A full-featured VGA thermal camera module at less than 4.9 cm<sup>3</sup>.

- 21 x 21 x 11 mm camera body and weight as low as 7.5 g.
- Low power consumption, starting at 500 mW
- 12  $\mu$ m pixel pitch VOx microbolometer with 320 and 640 resolutions.
- Rugged construction and highest temperature rating -40°C to 80°C.

