

10XX Thermal Imaging Core Module

Application

To be incorporated into various types of uncooled thermal imagers

Functional characteristics

- 1.Small size, light weight and high reliability
- 2.Auto/Manual NUC
- 3.Auto/Manual brightness/contrast adjustment
- 4.Electronic zooming
- 5.Black/white reverse display
- 6.Standard composite video signal (PAL)

Technical data

- 1.Detector type: 384×288
- 2.Spectral range: 8 ~ 12 μ m
- 3.Thermal sensitivity (NETD): < 80mk @25°C
- 4.Operation temperature: -30°C ~ +60°C
- 5.Storage temperature: -40°C ~ +70°C
- 6.Dimension (mm): $\leq 55 \times 55 \times 60$
- 7.Weight: ≤ 100 g