Super MARKOS

HOT MWIR 1280 x 1024 10μm

Description

Super MARKOS is a new generation T2SL HOT MWIR detector in HD quality. This T2SL HOT detector satisfies requirement of tactical such as long-range surveillance and electro-optical targeting system. The Operating temperature(>130K) will reduce the maintenance cost.

Applications









Security

Night Observation

Surveillance

Long-range Reconnaissance

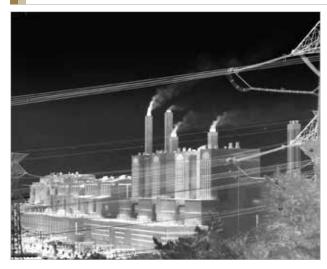








Images from the 2D IR detector





SEE THE NEW WORLD THROUGH i3system, Inc.

| Array format | 1280 x 1024 |
|-------------------------|----------------------------------|
| Pixel plich | 10μm |
| Detector type | T2SL |
| Wavelength band | MWViR (Эµm∼5µm) |
| No. of output channel | 4 or 8 channels |
| Operability | ≥ 99.5% |
| NETD | ≤ 25mK |
| Frame rate | up to 110Hz@1280x1024 Full frame |
| Dimension | /5mm x 56mm x 143mm |
| Cooldown time | ≤ 5 min |
| Environmental condition | MIL-STD-810 |
| Operating temperature | -40~+71°C |

Dimension

