

TR4000D-C600 and TR4500D-C600 are high performance thermal imagers optimized for long-range surveillance & tracking in mobile systems or field installations. The systems make use of the third generation of high quantum efficiency InSb focal plane arrays, operating in the 3-5 μ m waveband, in full snap shot mode. The TR4000D-C600 incorporates a 320x256 pixels, 30 μ m pitch InSb focal plane array. The TR4500D-C600 incorporates a 640x480 pixels, 15 μ m pitch InSb focal plane array.

Both cameras are incorporate a sensitive InSb focal plane array sensor, state-of-the-art 14-bit digital electronics and motorized optics, in a compact, weatherproof housing. The cameras are the perfect choice for thermal IR measurement in airborne, naval or ground operations.

Spatial Resolution:

TR4000D-C600 - 320x256 pixels with 30 μ m pitch

TR4500D-C600 - 640x512 pixels w/ 15 μ m pitch

Cooling Type:

Integral long life Stirling cooler

Field of View:

Continuous zoom (18.3°x14.7° to 0.9°x0.7°)

Control of the Camera:

Through RS232 software protocol

Auto & Manual Focus

Analog Video Output:

PAL/NTSC

This unique combination of night vision power is Cantronic's solution to the increase need for security and homeland protection at a broad range of facilities and infrastructure such as:

- Bridges; Airports; Seaports; Subways
- Military Facilities
- Nuclear Power Plants
- Perimeter Security
- Industrial Applications
- Governmental Facilities

