

VPR-2050-1200-CTZ-HD-GS

Viper

BY INFINITI



HDC-1200/LR-HDTV 1000

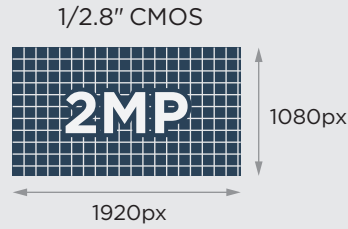
MultiSensor

BY FLIR



**Product images may differ depending on configuration.*

OPTICAL SENSOR

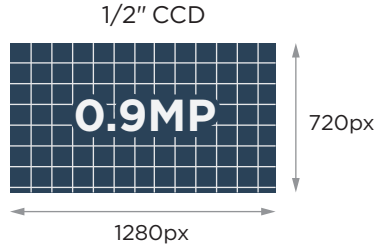


LOW LIGHT PERFORMANCE

0.02 Lux @ f/1.2
Minimum Illumination

OPTICAL LENS

16-2050mm
128X HD Zoom Lens
19.3°-0.15° Angle of View



3 Lux
Minimum Illumination

The Viper's smaller sensor results in a more zoomed in field of view, and with over twice the resolution, it also offers more detail and higher pixels per meter.

The Viper's sensor has excellent low light performance, resulting in better images at night.

The Viper has a wider wide angle as well as a further zoom as it utilizes a motorized doubler that can be toggled on and off.

MCT sensors are the latest technology in cooled thermal and is vastly superior to traditional InSb sensors. MCT has a higher operating temperature which requires less cooling and maintenance, resulting in less downtime.

The smaller 10µm pixels of the Viper's thermal sensor provide a more zoomed in field of view with 50% more pixels on target.

The Viper's Ge lens has a larger aperture of f4.0, allowing it to transmit nearly 50% more thermal energy than the FLIR.

The Viper's longer cooler lifetime means less replacements and less downtime.

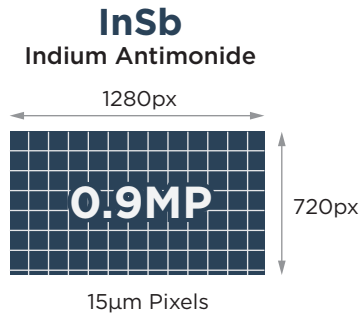
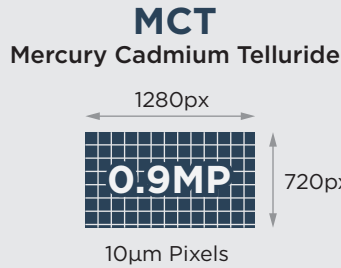
The Viper sees farther than the HDC-1200 with a 0.61° HFOV and 50% more pixels on target.

The Viper's unmatched pan/tilt accuracy provides more precise positioning at narrow fields of view.



Optional tool-free quick clip connectors on the Viper allow for fast replacement of cameras with mere minutes of downtime.

THERMAL SENSOR



THERMAL LENS

115-1200mm f4.0
7.3°-0.61° Angle of View

55-1200mm f4.7
20.4°-0.92° Angle of View

THERMAL COOLER

25,000+ hours
Rated Cooler Lifetime

10,000 hours
Rated Cooler Lifetime

THERMAL FOV



PAN/TILT

0.004°-60°/sec
Pan and Tilt Speed

0.03°-100°/sec
Pan and Tilt Speed

0.0045 mrad
Pan and Tilt Accuracy

0.1 mrad
Pan and Tilt Accuracy

OTHER

IP66/67 and MIL-STD-810F
Gyro Stabilization
Optional GPS and DMC
Optional ZLID Illumination
Tool-free Quick Clip Connectors

IP66 and MIL-STD-810G
No Gyro Stabilization
Optional GPS and DMC