

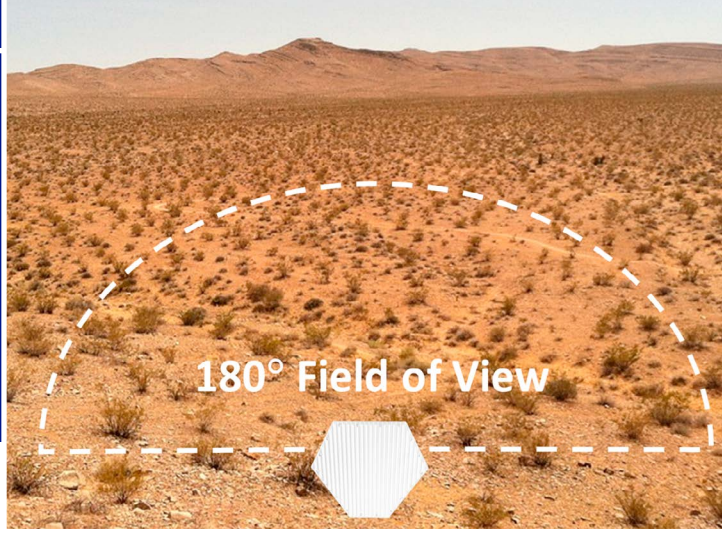
# VisionView™ 180

## ULTRA WIDE ANGLE THERMAL CAMERA

Wide area surveillance coverage is difficult to achieve, especially in those situations where day and night protection is critical. Typically, the larger the area, the more security cameras are required. With the VisionView 180 ultra wide angle camera, that is not the case. This advanced camera features six imagers that combine to provide an ultra wide 180 degree panoramic coverage.

The sensor suite provides high resolution visible daytime monitoring with a second set of long range IR night vision sensors for complete intruder and threat coverage in total darkness, fog, smoke, and most obscurants.

The camera is fully weatherproof, rated to IP67 and deploys easily via Power Over Ethernet.



180° Field of View

### ADVANTAGES

- Day and night imager covering over 180° for viewing large areas.
- Combination LWIR and CCD-TV. Total of six video feeds
- Ability to adjust side cameras to ensure a continuous horizon
- Power over Ethernet for allow ease of install.
- Long Range Detection
- Environmentally designed for Border, Coastal and Perimeter Security



# VisionView™ 180

## PANORAMIC THERMAL CAMERA

### THERMAL IMAGER

Sensor	Three 640x480 LWIR Vox Microbolometers, Total resolution of 1920 x 480
Field of View	180 degree (3 cameras x 70 with overlap) HFOV x 50 degree VFOV
Spectral Band	8um – 14um with 17 um pixel pitch
Lens	Diamond Coated 9mm Fixed Focus
Features	ICE (Image Contrast Enhancement)

### VISIBLE IMAGER

Sensor	Three HD 2.13 Megapixel 1080p sensors, Total resolution of 6.39 Megapixels
Field of View	180 degree HFOV
Sensor Type	1/2.8-type Exmor CMOS
Lens	4.3mm (wide) F1.6
Features	High sensitivity mode: 0.01 lx (F1.6, 50IRE)

### OUTPUTS/INTERFACES

Video Outputs	3 Thermal and 3 Visible, H.264 over IP (3 Ethernet connections)
Power	Power POE (48V, 802.3af/at class 0, 28.5 Watts)
Control IP	ONVIF-S Integrated Video Encoders

### ENVIRONMENTAL

Mil-Spec	MIL-STD-810G
IP Rating	IP66
Temperature Operating	-30° C to +55° C continuous (+60° C peak)
Temperature Storage	-50° C to +70° C

### DIMENSIONS, WEIGHT, MOUNTING

Dimensions	17.64 W x 14.5 D x 9.5 H inches (44.8 W x 36.83 D x 24.13 H cm)
Weight	48 pounds (21.8 kg)
Connector	Rugged RJ45
Mounting	4 x 0.375" through hole mounts



Ultra Wide Angle Thermal Field of View

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