

# VP194-CXH-PA IP Series

## Long Range Dual Channel PTZ Surveillance Systems

**Infinova**<sup>®</sup>  
The Integrator's Manufacturer



- **Dual Continuous Zoom Channels (Thermal & Color)**

Independent continuous zoom thermal and high definition color cameras provide maximum situational awareness, user friendliness, and 24/7 threat assessment.

- **Long Range Thermal Imagers**

Uncooled thermal cameras provide long range performance with no routine preventive maintenance.

- **Ruggedized for Harsh Environments**

A rugged design, certified to IP66, and protected against hot, cold, dusty, and other harsh or industrial environments.

- **Easy Integration**

ONVIF / PELCO-D

Infinova VP194-CXH-PA IP series camera is a market-leading long-range dual-sensor surveillance system. This unique system combines an advanced uncooled thermal continuous zoom camera with a High Definition mid- or long-range visible-light camera on an accurate pan-tilt unit.

The VP194-CXH-PA IP series camera offers extreme long-range detection and assessment without requiring regular maintenance, ensuring low cost of ownership. Typical applications for this system include airports and other sensitive installations.

The system is available in a range of configurations, including analog or IP, additional Laser Range Finder and thermal image stabilization.

## Technical specifications

Imager Type	Uncooled Thermal	Visible
		Uncooled 17 $\mu$ VOx Microbolometer 7.5-14 $\mu$
Resolution	17 $\mu$ : 640 x 480	1920 X 1080
Sensitivity	NETD: < 30° mK	>50dB S/N
Video Output	TCP/IP	TCP/IP
Imager Features	Motorized Focus, Autofocus on Demand Polarity, NUC, Image flip, Manual gain/level, Optical & Digital Zoom, Autofocus on Demand	12x Digital Zoom & Autofocus
Continuous Zoom Lenses	25 - 150mm: 25.3° - 4.1° HFOV 25 - 225mm: 24.5° - 2.8° HFOV	4.3- 129mm (30x): 59.5° - 2.1° HFOV (1/2.8")

## System Specifications

Unit Dimensions	Dependent on configuration - see system specifications
Unit Weight	Dependent on configuration - see system specifications
Environmental Rating	IP66
Certifications	CE, FCC
Power Input	18 - 28VDC
Power Consumption	30w typical; 350w max
Operating Temperature	-40° to +60° c (-40° to + 140° F )
Communication Protocol	ONVIF Pelco D
Control Connection	TCP/IP
Accuracy	+/- 1.5 mRad
Pan Range	360° Continuous
Tilt Range	-90° to +90°
Pan Speed	Variable Speed, 0.1° - 50°/sec

## Ordering Information

VP194-C150Z17VH-PAP01	1/2.8" color HD CMOS, 4.3~129mm Continuous Zoom, 17 $\mu$ 640x480 Uncooled and 25-150mm Continuous Zoom Lens, PAL/NTSC
VP194-C225Z17VH-PAP01	1/2.8" color HD CMOS, 4.3~129mm Continuous Zoom, 17 $\mu$ 640x480 Uncooled and 25-225mm Continuous Zoom Lens, PAL/NTSC

## Performance



## Available Configuration

### Thermal Imager:

- 17 $\mu$ : 640 x 480 (NTSC/PAL)

### Visible Imager:

- 1/2.8" color HD CMOS

### Visible Optic Features:

- Image Stabilization
- Infrared Cutfilter Removal

### Additional Options:

- Thermal Image Stabilization
- Laser Range Finder
- GPS

### Thermal Optics:

- Continuous Zoom 25-150mm
- Continuous Zoom 25-225mm

### Visible Optics:

- Continuous Zoom 4.3 - 129mm

### TCP/IP