



Hawkeye-001 Applications:

Power lines, forest fire prevention, oil field monitoring, river and lake monitoring, highway and high-speed railway safety monitoring, border and coastal defense monitoring, port monitoring, airport management and control, and urban high-altitude oversight projects.

Name: Hawkeye-001		Hawkeye-001 8-12 km multi-spectral heavy-duty PTZ thermal camera
Model		HRC-P6600Z62T150L25
Visible Light Imager	Imaging Device	HD 2 million pixels, 1/2" CMOS
	Resolution	1920*1080
	Lens Focal Length	16.7-1000mm
	Optical Magnification	60 times
	Minimum Object Distance	5 m
	Aperture	F3.5-F16
	Fog Through, Focus	support optical fog, auto focus
Laser Parts	Lighting Device	infrared semiconductor laser device
	Laser Lens	HLPM laser mirror assembly
	Wavelength	808nm/950nm
	Reach Distance	2500 meter
	Lighting Angle	0.2°-48°
	Light Power	25W
	Safety Protection	overvoltage, overcurrent, overheat, protection; high-efficiency precision constant current power supply, delayed start
	Fine Optical Axis	external precise fine-tuning, accuracy 0.01 degree
Thermal Imaging Device	Detector Type	Uncooled focal plane array
	Spectral Range	7.5-14μm
	Focus type	Electric focus, auto focus
	Pixel	640x480
	Lens Focal Length	150mm
	False Color	13 kinds of pseudo colors available
	High Temperature Alarm	support high temperature alarm, temperature can be adjustable
Camera Base	Hold Weight	Up to 55kg
	Rotation Angle	horizontal 360° continuous rotation, vertical-45°~45°(adjustable)
	Control Speed	horizontal 0.01°/s to 30°/s vertical 0.01°/s to 17°/s
	Preset Position	256 preset positions
	Angle Return	support PTZ horizontal angle, vertical angle and angle return
	Proportional Zoom	support
	Way of Communication	RS-422/RS-485
	Communication Code	PELCO-D
Physical Characteristics	Installation Method	Flat base installation
	Power Supply	DC24V
	Temperature Range	-45°C~70°C
	Other	support wiper, temperature control
	Equipment Weight	52Kg
	Total Power	≤150W, with heating ≤190W
	Dust & water proof	IP67
	Size	657(L) x 378(W) x 610(H)