



Hawkeye-007 Applications:

Power lines, forest fire prevention, highway and high-speed railway safety monitoring, border and coastal defense monitoring, port monitoring, airport management and control.

Name: Hawkeye-007		Hawkeye-007 Dual Spectrum Intelligent Spherical Turntable Unit
Model		HRC-P6500R150ZT
Detection and Recognition Distance		Detection: small power boat: 15,000 meters, non-power boat: 8,000 meters Identify: small power boat: 6,000 meters, no power boat: 3000 meters Detection: vehicle: 10,000 meters, people: 5,000 meters Identify: vehicle: 4,000 meters, people: 1,200 meters Heat Source: 9x9 m ² : 15,000 meters, 2x2 m ² : 6,000 meters,
Visible Light Camera	Imaging Device	1/1.8"
	Resolution	3,000,000, 2048x1536
	Optical Magnification	62 times
	Lens Focal Length	12.5-775mm
	Day and Night Switch	ICR infrared filter
	Minimum Illumination	color: 0.001 Lux; blank white: 0.0001Lux
	Through Fog	Yes
	Focus Type	auto focus/ manual focus: button auto focus
	Day/Night Conversion	automatic/manual/timing/trigger
	Video Compression	H.265/H.264/MJPEG/MPEG4/MIPEG
	Supporting Format	TCP/IP、UDP、IGMP、ICMP、DHCP、HTTP、HTTPS、DHCP、DNS、DDNS、RTP/RTSP、PPPoE、SMTP、UPnP、NTP、ARP、ONVIF/PSIA
Thermal Imaging Camera	Detector Type	Cooling type detector
	Spectral Range	8~14um
	Focus	electric focus, auto focus
	Resolution	640x512
	Lens Focal Length	30-150mm

	False Color	13 kinds of pseudo colors available
	High Temperature Alarm	support high temperature alarm, temperature can be adjustable
	Thermal Sensitivity	20mk
Camera Base	Turn method	Brushless motor, servo motor
	Spinning Speed	Horizontal 0.01° ~ 45°/S ; tilt 0.1° ~ 30°/S ;
	Rotation Angle	Horizontal 0 ~ 360° continuous rotation ; pitch +45° ~ -45° ;
	Preset Position	512 preset positions
	Positioning Accuracy	±0.01°
	Protocol	Pelco-D、Pelco-PO
	Communication Baud Rate	2400/4800/9600/19200 bps
	Communication Interface	RS485
	Angle Return	Built-in angle return, angle return network output, read angle information through the network
	IP Duel Control	Both thermal imaging camera and visible light camera can independently control the pan/tilt and lens without affecting each other
	Converged Data Transmission	Video, azimuth mutual transmission data, and alarm data are all transmitted through the network
	Cruise Scan	No less than 32 preset positions, dwell time can be set
	Pattern Scanning	4, the recording time of each path is greater than 10 minutes
Machine Characteristics	Power Supply	AC220V±20%
	Operating Temperature	-40°C ~ 70°C
	Other	Support wiper, temperature control
	Equipment Weight	75Kg
	Total Power	110W
	Dust & Water Proof	IP67 , sealed and filled with nitrogen
	Working Temperature	-55°C-80°C
	Size	500mm×500mm×795mm (L×W×H)