

Dual 3.6mm Thermal IP Camera, 4MP Visible, IR 30M



- Thermal bullet camera + visible Thermal-Line
- Thermal resolution 256x192
- 3.6mm lens (50°x37.3°)
- Detect people up to 150m
- Detect vehicles up to 460m
- Temperature detection
- Thermal Focal Length: 3.6mm (50°x37.3°)
- Viewable focal length: 4.3mm (50°x37.3°)
- 1 input / 1 audio output
- 2 inputs / 2 alarm outputs
- MicroSD, WDR 120dB, IP67, PoE
- Includes tube stand and base



Reference / Model	HYU-936 / HYU-936
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Thermal camera

Vanadium Oxide Uncooled Focal Plane Array (FPA) Thermal Imaging Sensor
 256x192 thermal resolution
 Pixel interval: 12µm
 Thermal Sensitivity (NETD): ≤40mk (@25°C, f/1.0)
 Spectrum Range: 8µm ~ 14µm
 Focal length (thermal): 3.6mm
 Angle of view (thermal): 50° x 37.3°
 0.3 meter minimum focus distance
 Effective distance on people: Detection (150 m), recognition (38 m), identification (19 m)
 Effective distance in vehicles: Detection (460 m), recognition (112 m), identification (56 m)
 viewable camera

Image sensor (visible camera) CMOS 1/2.7 Progressive Scan 4 megapixels
 Effective pixels: 2688 x 1520
 30 meter infrared illumination
 0.0176 lux F2.25 (colour), 0.0035 lux F2.25 (B/W)
 Focal length (visible optics): 4.3mm
 Angle of view (visible optics): 84° x 43.1°
 WDR 120dB
 Displays the partial image of the thermal channel on the full screen of the optical channel
 Shows the details of the optical channel in the thermal channel
 Supports target coloring in hot white and hot black mode
 smart features

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Supports 4 types of VCA rules (intrusion, line crossing, region entry and region exit), maximum 8 rules
 Support 3 types of temperature measurement rulers, 21 rulers (10 points, 10 regions, and 1 line)
 Temperature range -20°C ~ +150°C
 ±8°C temperature accuracy
 IP communication and integration

Compression formats: H.265/H.264/MJPEG
 Stream 1 thermal camera: 1280x720, 704x576, 640x512, 320x240 (25 ips)
 Stream 2 thermal camera: 704x576, 640x512, 320x240 (25 fps)
 Stream 1 viewable camera: 2680x1520, 1920x1080, 1280x720 (25 ips)
 Stream 2 viewable camera: 704x576, 352x288 (25 ips)
 Audio compression: G.722.1/G.711u/G.711a/MP2L2/G.726/PCM
 1 RJ45 10/100M auto-adaptive port
 Protocols: IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, SFTP, SRTSP
 Up to 20 simultaneous views
 Up to 32 users, 3 levels: administrator, operator, user
 Compatibility: ONVIF S/G, ISAPI, SDK and third-party management gateway
 Compatible with IE11, Chrome57.0+, Firefox52.0+ browsers
 RS485 half duplex port
 2 alarm inputs / 2 outputs
 1 input / 1 audio output
 MicroSD/SDHC/SDXC card slot (up to 256 GB), with support for manual or alarm recording
 electrical and environmental

Power: 12V DC (±25%), PoE (802.3af, Class3)
 Consumption: Max. 6W (6.5W PoE)
 Operating temperature -40°C ~+65°C
 Relative humidity: ≤95% (non-condensing)
 Degree of protection IP67
 6KV lightning-proof
 physical characteristics

metal casing
 Dimensions: 106.1 (W) x 107 (H) x 321.3 mm
 Weight: 1.55kg
 Includes wall bracket and tube base
 Note: Effective distance values shown are nominal values and should be used as an estimate. Consult with your commercial to know the recommended detection distances with our Vaelsys perimeter system.