

Dual 6.9mm 4MP Visible IR 30M Thermal IP Camera

- Thermal bullet camera + visible Thermal-Line
- Thermal resolution 256x192
- Detect people up to 287m
- Detect vehicles up to 881m
- Temperature detection
- Thermal Focal Length: 6.9mm (24.9°x18.7°)
- Viewable focal length: 6.4mm (53°x28°)
- 1 input / 1 audio output
- 2 inputs / 2 alarm outputs
- MicroSD, WDR 120dB, IP67, PoE
- Includes tube stand and base

**Reference / Model****HYU-937 / HYU-937**

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): 6.9mm
 Angle of view (thermal): 24.9° x 18.7°
 Closest focus distance of 1.3 meters
 Effective distance on people: Detection (287 m), recognition (72 m), identification (36 m)
 Effective distance in vehicles: Detection (881 m), recognition (220 m), identification (110 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): 6.4mm
 Angle of view (visible optics): 53° x 28°
 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, SRTP

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.