HYUNDAI NEXTGEN Thermal bullet + visible camera Thermal-Line series with IR illumination of 40 m, for outdoor

2MP **IP66** **H.265+** **SD** **QCIF** **CVBS**

- HYUNDAI NEXTGEN Thermal bullet + visible camera Thermal-Line series with IR illumination of 40 m, for outdoor
- Visible camera with 1/2.8" CMOS of 2 MP
- 6 mm visible lens
- Thermal camera with 160 x 120 resolution, 6.2 mm thermal lens
- Detection of people up to 182 meters and vehicles up to 559 meters
- Digital WDR, 3D-DNR
- Intelligent detection (VCA)
- IP / ANALOG video output
- Audio: 1 input / 1 output
- Alarm: 2 inputs / 2 outputs
- RS485 port MicroSD slot Onvif, API, ISAPI
- Lightning-proof 6KV
- IP66 12V DC PoE

Reference / Model	HYU-746 / HYU-746
FPA sensor (focal plane matrices) not cooled with vanadium oxide	
Thermal resolution of 160x120 (the output image is 320x240)	
Pixel Interval: 17µm	
Thermal sensitivity (NETD): <40 mk (@ 25 ° C, f / 1.1)	
Spectrum range: 8 µm ~ 14 µm	
Focal length (thermal): 6.2 mm	
Viewing angle (thermal): 25 ° x 18.7 °	
Minimum focusing distance of 0.6 meters	
Effective distance in people: Detection (182 m), recognition (46 m), identification (23 m)	
Effective distance in vehicles: Detection (559 m), recognition (140 m), identification (70 m)	
15 adjustable color palettes, 3D-DNR	
Dynamic detail enhancement	
Supports 4 types of VCA rules (intrusion, line crossing, region input and region output), maximum 8 rules	

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Temperature range from -20 ° C ~ + 150 ° C	
Temperature accuracy of ± 8 ° C	
Supports 3 types of temperature measurement rules, 21 rules (10 points, 10 regions and 1 line)	
Supports 10 fire detection points	
Visible camera	
Image sensor (visible camera) CMOS 1 / 2.8 Progressive Scan 2MP	
Effective pixels: 1920 x 1080	
40 meter IR illumination	
Minimum illumination: 0.002 lux F1.5 (color) / 0.0002 lux F1.5 (B/W) / 0 lux IR On	
Focal length (visible lens): 6 mm	
Viewing angle (visible lens): 53 ° x 30 °	
Removable mechanical filter	
Digital WDR	
Supports merging of bi-spectrum images, image preview in image and image change	
IP communication and integration	
Compression formats: H.265 + / H.265 / H.264 / H.264 + / MJPEG (baseline / main / high profile)	
Stream 1 thermal camera: 160x120 at 25 fps (the output image is 320x240)	
Stream 2 thermal camera: 160x120 at 25 fps (the output image is 320x240)	
Stream 1 visible camera: 1080P / 1.3MP / 720P at 25 fps	
Stream 2 visible camera: D1 / CIF / QCIF at 25 fps	
Audio compression: G.711u / G.711a / G.722.1 / 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	
Up to 20 simultaneous visualizations	
Up to 32 users, 3 levels: administrator, operator, user	

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Reference / Model	HYU-746 / HYU-746
Compatibility API, ONVIF, API, ISAPI, and third-party management gateway	
Compatible with IE9 +, Chrome31-44, Firefox30-51, Safari5.02 + (Mac) browsers	
Alarm: 2 inputs / 2 outputs	
Audio: 1 input / 1 output	
Reset button	
MicroSD / SDHC / SDXC card slot (up to 128 GB), with support for manual or alarm recording	
BNC output 1.0V [p-p] / 75Ω (PAL / NTSC)	
RS485 port	
Electric and environmental	
Power supply: 12V DC, PoE (802.3af, class 4)	
Consumption: max. 12W	
Operating temperature of -40 ° C ~ + 60 ° C	
Relative humidity: ≤90% (without condensation)	
IP66 protection degree	
6KV lightning-proof	
Physical characteristics	
Metal housing	
Dimensions: 113.5 (W) x 114.7 (H) x 352.4 mm	
Weight: 1.5 kg	
Includes wall bracket and tube base	

Note: The actual distance values shown are nominal values and should be used as an estimate. Check with your salesperson for the recommended detection distances with our Vaelsys perimeter system.