

ES-6045C

4 MP Corner-Mounted Vandal Resistant Camera

EYESONIC™



- 1/2" Progressive Scan CMOS
- 135° Large FOV, No Blind Spots
- Maximum 4 MP (2400 × 1800) @ 30 fps
- 120 dB WDR
- Up to 33 ft (10 m) IR Range (940 nm Wavelength)
- Built-in Microphone
- IP67 Ingress Protection and IK10+ (50J) Vandal Resistance
- NEMA 4X Anti-Corrosion Protection

ES-6045C

Camera

| | |
|-------------------------|--|
| Image Sensor | 1/2" progressive scan CMOS |
| Shutter Speed | 1 s to 1/100,000 s |
| Min. Illumination | Color: 0.082 lux @ (f/2.4, AGC on), B/W: 0.016 lux @ (f/2.4, AGC on), 0 lux with IR |
| Slow Shutter | Yes |
| Day/Night | IR cut filter |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | 120 dB |

Lens

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|--------------------|--|
| Focal Length & FOV | 2 mm, Horizontal FOV 135° (corner mount) |
| Lens Mount | M12 |
| Aperture | F2.4 |

Illuminator

| | |
|------------|------------------------------------|
| IR Range | Up to 33 ft (10 m) IR range, 1 LED |
| Wavelength | 940 nm |

Video

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|-----------------------|---|
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.264+ | Main stream supports |
| H.265 Type | Main Profile |
| H.265+ | Main stream supports |
| Scalable Video Coding | H.264 and H.265 support |

Smart Feature-Set

| | |
|---------------------|---|
| Behavior Analysis | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection |
| Exception Detection | Audio exception detection |
| Region of Interest | 4 fixed regions for main stream and sub-stream |

Image

| | |
|--------------------|---|
| Maximum Resolution | 2400 × 1800 |
| Main Stream | 50 Hz: 25 fps (2400 × 1800, 1280 × 1280) 60 Hz: 30 fps (2400 × 1800, 1280 × 1280) |
| Sub Stream | 50 Hz: 25 fps (720 × 720, 720 × 480) 60 Hz: 30 fps (720 × 720, 720 × 480) |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by Alarm In |
| Image Enhancement | BLC, HLC, defog, 3D DNR |
| Image Settings | Saturation, brightness, contrast, sharpness, AGC and white balance are adjustable by client software or Web browser |
| Picture Overlay | Logo picture can be overlaid on video in 128 × 128 24-bit bmp format |

Live View Display

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|------------|--------------------------|
| Mount Type | Supports corner mounting |
|------------|--------------------------|

DORI

| | |
|------|---|
| DORI | Distance (2 mm), 43.2 m, 17.2 m, 8.6 m, 4.3 m |
|------|---|

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Audio

| | |
|-----------------------------|---|
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32-160 Kbps (MP2L2) |

Network

| | |
|------------------------|---|
| Simultaneous Live View | Up to 20 channels |
| API | Open Network Video Interface (PROFILE S, PROFILE G), ISAPI |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6, UDP, Bonjour |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Security | Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF |
| Network Storage | Supports microSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS, SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login, HDD full, HDD error |
| General Function | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| Firmware Version | v.5.5.73 |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | IE8+, Chrome31.0-44, Firefox 30.0-51, Safari 8.0+ |

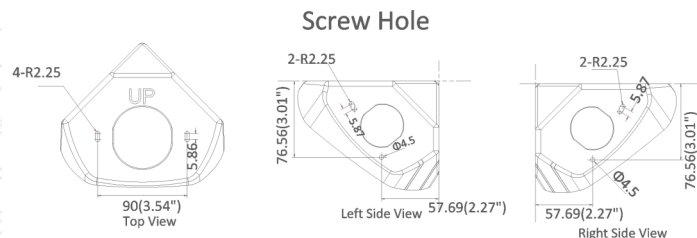
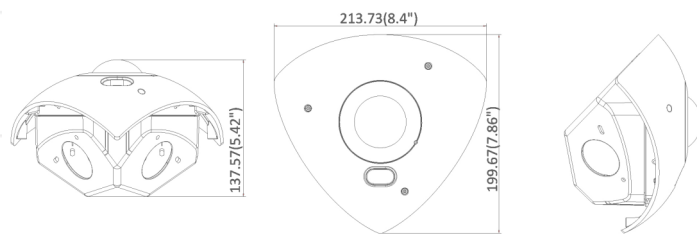
Interface

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|-------------------------|---|
| Communication Interface | 1 RJ-45 10M/100M/1000M self-adaptive Ethernet port |
| Audio | 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm) 1 built-in microphone |
| Alarm | 1-ch alarm input, maximum 12 V; 1-ch alarm output, maximum 24 VDC, 1 A |
| On-Board Storage | Built-in microSD/SDHC/SDXC slot, up to 256 GB |
| Reset Button | Yes |

General

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|----------------------|--|
| Power | 12 VDC \pm 20%, PoE (802.3af, class 0) Two-core terminal block |
| Storage Conditions | -10 °C to 40 °C (14 °F to 104 °F), humidity 95% or less (non-condensing) |
| Operating Conditions | -40° to +60° C (-40° to +140° F), humidity 95% or less (non-condensing) |
| Linkage Method | Upload to FTP/memory card/NAS, notify surveillance center, trigger record, trigger capture, send email |
| Power Consumption | 12 VDC, 0.9 A, maximum 11 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, maximum 12 W |
| Camera Material | Metal |
| Dimension | 213.73 mm \times 199.67 mm \times 137.57 mm (8.4" \times 7.86" \times 5.42") |
| Weight | 4.34 lb (1970 g) |

Dimensions



Screw Hole

Unit: mm