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Taste of technology

**TEXNIKI SƏNƏD**

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HIWATCH

# DS-I215(D)

Kod: 00-00000725 · Kamera




DS-I215(D) 5-75mm 2mp Optical Zoom 15X IR 100m IP PTZ Kamera HiWatch

## Texniki göstəricilər

**IP**
Növ

**2 MP**
Meqapixel

**PTZ**
Obyektiv

**100m**
İşıqlandırma məsafəsi

**IP66**
Qoruma

**MicroSD**
Yaddaş

**Outdoor**
İş mühiti

**İR**
İşıqlandırma

**Metal**
Material

## Ətraflı məlumat

| | |
|---|---|
| Matrix | 1/2.8'' Progressive Scan CMOS |
| Sensitivity | Color: 0.005lux@(F1.6,AGC on),<br>B/W: 0.001lux@(F1.6,AGC on), 0lux with IR |
| Electronic shutter speed | From 1/1 to 1/30000 s |
| Slow shutter support | Yes |
| Day/Night mode | IR filter |
| Zoom | 15 × optical zoom, 16 × digital zoom |
| Maximum resolution | 1920×1080 |
| Focusing | Automatic, semi-automatic, manual |
| Focal length | From 5 to 75 mm |
| Zoom speed | Approx. 2.3 s |
| Viewing angle | Horizontal: 57.6 to 4° (Wide-Tele), Vertical: 34.4 to 2.2° (Wide-Tele), Diagonal: 64.5 to 4.6° (Wide-Tele) |
| Aperture | Max. F1.6 |
| Backlight type | IR illumination |
| Additional backlight range | IR illumination range up to 100 m |
| Turning range | 360° |
| Incline | -15 to +90° (auto-rotate) |
| Turning speed | Rotation speed: adjustable, from 0.1 to 80 °/s; by preset: 80 °/s |
| Tilt speed | Tilt speed: adjustable, from 0.1 to 80 °/s; by preset: 80 °/s |
| Proportional Panning | Yes |
| Presets | 300 |
| Patrolling | 8 patrols, up to 32 presets each |
| Templates | 4 templates |
| Power-off position memory | Yes |

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| Actions during downtime | Preset / Patterns / Patrol / Auto Scan / Vertical Scan /<br>Random Scan / Frame Scan / Panoramic Scan |
| 3D positioning | Yes |
| Display PTZ position | Yes |
| Freeze frame when switching to preset | Yes |
| Scheduled tasks | Preset/patterns/patrol/auto scan/vertical scan/random scan<br>/frame scan/panoramic scan/reboot/initialize/sub screen output |
| Main thread | 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Additional stream | 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288)<br>60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) |
| Third stream | 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Video compression | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265 / H.264 / MJPEG<br>Third stream: H.265 / H.264 / MJPEG |
| Video bitrate | From 32 to 16384 Kbps |
| H.264 profile | Baseline profile / Main profile / High profile |
| H.265 profile | Main Profile |
| S.V.C. | H.264 and H.265 encoding |
| Region of interest (ROI) | 8 fixed areas per thread |
| Audio compression | G.711 / G.722.1 / G.726 / MP2L2 / PCM |
| Audio bitrate | 64 Kbps (G.711) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 192 Kbps (MP2L2) |
| Sampling frequency | 8 kHz / 16 kHz / 32 kHz / 48 kHz |
| Environmental noise filtering | Yes |
| Network storage | NAS (NFS, SMB/CIFS), ANR |

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| Protocols | IPv4 / IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,<br>DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP / IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour |
| API | Open network video interface (version 19.12, Profile S, Profile G, Profile T), ISAPI, SDK, ISUP |
| Simultaneous real-time viewing | Up to 20 channels |
| User/host | Up to 32 users, 3 user levels: administrator, operator, user |
| Smooth Streaming | Yes |
| Safety | Password protection, strong password, HTTPS encryption,<br>802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermarking, IP address filtering,<br>basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for HTTP/HTTPS,<br>RTP/RTSP over HTTPS, Timeout Management Settings, Security Audit Log, TLS 1.2, TLS 1.3,<br>Host Authentication (MAC Address) |
| Client | iVMS-4200, HikCentral Pro, Hik-Connect |
| Web interface | Chrome 57.0+, Firefox 52.0+, Safari 11+, IE11 |
| Picture Options Switch | Yes |
| Day/Night mode switching | Day / Night / Automatic / Scheduled |
| Image enhancement | BLC, HLC, 3D DNR |
| Wide Dynamic Range (WDR) | 120 dB |
| Anti-fog | Digital anti-fog |
| Exposition area | Yes |
| Focus on area | Yes |
| Image Settings | Saturation, brightness, contrast, sharpness and<br>white balance are adjustable via client software or web interface |
| Masking an area | 24 custom polygonal area masks, custom colors and<br>location of area masks |
| SNR | >52 dB |

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| Ethernet interface | 1 RJ45 auto 10/100M Ethernet port |
| Local storage | Built-in Micro SD/SDHC/SDXC card slot, up to 256GB |
| Anxiety | 1 input, 1 output |
| Audio | 1 input (line), max. input signal amplitude: from 2 to 2.4 V pp<br>, input resistance: 1 kOhm ± 10%; 1 output (line), output impedance: 600 Ohm |
| Reset | Yes |
| Main events | Motion detection, tamper detector, alarm input and output |
| Smart Events | Line crossing detection, intrusion detection, area entry/exit detection,<br>abandoned luggage detection, object movement detection, sound event detection |
| Alarm binding | Alarm actions: preset, patrol, alarm recording, send Email,<br>notify monitoring center, upload to FTP/memory card/NAS, etc. |
| Face capture | Simultaneous detection of up to 5 faces.<br>Supports detection, capture, evaluation, selection of faces<br>in motion and output of the highest quality face image |
| Perimeter protection | Line crossing, intrusion detection,<br>area entry/exit detection Alarm triggering for various<br>types of objects (“Person”, “Vehicle”) |
| Anti-fog | Yes |
| Nutrition | DC 12 V, max. 18 W incl. max. 1.6 W for heating and 9 W for IR illumination; PoE (802.3 at) |
| Working conditions | -40 to +65 °C, humidity 90% or less (non-condensing) |
| Material | ADC12 |
| Dimensions | Ø 165.5 × 290 mm (Ø 6.48 × 11.42″) |
| Weight | Approx. 2 kg |
| EMC Standards | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015,<br>EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 + A1: 2014);<br>RCM (AS/NZS CISPR 32:2015); IC (ICES-003: issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) |

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|---|---|
| Safety Standards | UL (UL 62368-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 62368-1:2014 + A11:2017); BIS (IS 13252 (Part 1):2010 + A1:2013 + A2:2015); LOA (IEC/EN 60950-1) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection Standards | IP66 (IEC 60529-2013), lightning protection TVS 6000 V, surge and transient overvoltage protection |

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