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Taste of technology

**TEXNIKI SƏNƏD**

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DAHUA

# DH-PTZ1A225-HNR-XA2MP

Kod: 00-00003219 · Kamera



DAHU DH-PTZ1A225-HNR-XA2MP 25x Starlight WizSense Network Positioning System

## Texniki göstəricilər

| | |
|---|---|
| **IP**<br>Növ | **2 MP**<br>Meqapixel |
| **PTZ**<br>Obyektiv | **2.7 - 13.5mm**<br>Fokus |
| **İR**<br>İşıqlandırma | **150m**<br>İşıqlandırma məsafəsi |
| **MicroSD**<br>Yaddaş | **Outdoor**<br>İş mühiti |
| **IP67**<br>Qoruma | **Metal**<br>Material |

## Ətraflı məlumat

| | |
|---|---|
| **Camera** | |
| Image Sensor | 1/2.8" CMOS |
| Pixel | 2MP |
| Max. Resolution | 1920 (H) × 1080 (V) |
| ROM | 4 GB |
| RAM | 1 GB |
| Electronic Shutter Speed | 1/1 s–1/30000 s |
| Scanning System | Progressive |
| Min. Illumination | Color: 0.005 Lux@F1.6<br>B/W: 0.0005 Lux@F1.6<br>0 Lux (IR light on) |
| Illumination Distance | 150 m (492.13 ft) |
| Illuminator On/Off Control | Zoom Prio/Manual/Off |
| Illuminator Number | 4 IR lights |
| **Lens** | |
| Focal Length | 4.8 mm–120 mm |
| Max. Aperture | F1.6–F3.5 |
| Field of View | H: 61°–2.8°; V: 33.2°–1.7°; D: 67.3°–3.9° |
| Optical Zoom | 25x |
| Focus Control | Auto/Semi-Auto/Manual |

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|---|---|---|---|---|
| Close Focus Distance | 0.1 m–1.5 m (0.33 ft–4.92 ft) | | | |
| Iris Control | Auto | | | |
| DORI Distance | Detect | Observe | Recognize | Identify |
| | 1655.2 m (5430.45 ft) | 656.8 m (2154.86 ft) | 331 m (1085.96 ft) | 165.5 m (542.98 ft) |
| **PTZ** | | | | |
| Pan/Tilt Range | Pan: 0°–360° endless<br>Tilt: –90° to +90° auto flip 180° | | | |
| Manual Control Speed | Pan: 0.1°/s–120°/s<br>Tilt: 0.1°/s–75°/s | | | |
| Preset Speed | Pan: 160°/s; Tilt: 110°/s | | | |
| Presets | 300 | | | |
| Tour | 8 (up to 32 presets per tour) | | | |
| Pattern | 5 | | | |
| Scan | 5 | | | |
| Power-off Memory | Support | | | |
| Idle Motion | Preset/Tour/Pattern/Scanning | | | |
| Protocol | DH-SD<br>Pelco-P/D (auto recognition) | | | |
| **Artifical Intelligence** | | | | |
| Video Metadata | Supports detecting motor vehicles, non-motor vehicles, human faces and human bodies. Supports tracking, capturing pictures, and uploading high-quality snapshots. | | | |
| Perimeter Protection | Tripwire, intrusion, abandoned object and missing<br>object. Supports triggering alarms based on human and vehicle classification and tracking linkage. | | | |
| Face Detection | Support | | | |
| **Video** | | | | |
| Compression | H.264; H.265; H.264B; H.264H; MJPEG (Sub Stream); H.265+; H.264+ | | | |

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| Streaming Capability | 3 streams |
| Resolution | 1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576); CIF (352 × 288) |
| Frame Rate | Main stream: 1080P/960P/720P (1–50/60 fps)<br>Sub stream 1: D1/CIF (1–50/60 fps)<br>Sub stream 2: 1080P/960P/720P/D1/CIF (1–50/60 fps) |
| Bit Rate Control | Variable/constant |
| Bit Rate | H.264: 3 Kbps–20480 Kbps<br>H.265: 3 Kbps–20480 Kbps |
| Day/Night | Auto (ICR)/Color/B/W |
| BLC | Support |
| WDR | 120 dB |
| HLC | Support |
| White Balance | Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/Natural light/Street lamp |
| Gain Control | Auto/Manual |
| Noise Reduction | 2D/3D |
| Motion Detection | Support |
| Region of Interest (RoI) | Support |
| Image Stabilization | Electronic |
| Defog | Electronic |
| Digital Zoom | 16x |
| Flip | 180° |
| Privacy Masking | Up to 24 areas, and up to 8 areas in the same view |
| S/N Ratio | ≥ 55 dB |

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| **Audio** | |
| Compression | G.711A; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729; G.723 |
| **Network** | |
| Ethernet | RJ-45 (10/100Base-T) |
| Protocol | IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMP; DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; SNMPv1/v2c/v3 (MIB-2); RTCP; RTMP |
| Interoperability | ONVIF (Profile S/Profile G); CGI |
| Streaming Method | Unicast/Multicast |
| User/Host | 20 (total bandwidth 64M) |
| Storage | FTP; Micro SD card (256G); NAS |
| Browser | IE7 and later versions<br>Chrome 42 and earlier versions<br>Firefox 52 and earlier versions<br>Safari |
| Management Software | Smart PSS; DSS; DMSS; Easy4ip; IVSS |
| Mobile Phone | iOS; Android |
| **Certification** | |
| Certifications | CE: EN55032/EN55024/EN50130-4<br>FCC: Part15 subpartB, ANSI C63.4-2014 |
| **Port** | |
| Audio In | 1 (LINE IN; bare wire) |
| Audio Out | 1 (LINE OUT; bare wire) |
| Two-way Audio | Support |
| Alarm In | 2 digital inputs (0–5V DC) |
| Alarm Out | 1 |
| Alarm Linkage | Capture; preset; tour; pattern; SD card record; trigger digital output; client electronic map; send email |

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|---|---|
| Alarm Event | Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; encoder state detection; memory card state detection; memory space detection |
| **Power** | |
| Power Supply | DC 12V/4A ± 10%<br>PoE+ (802.3at) |
| Power Consumption | Basic: 14W<br>Max: 23W (IR light on, PTZ operations) |
| **Environment** | |
| Operating Temperature | –40°C to +70°C (–40°F to +158°F) |
| Operating Humidity | ≤ 95% |
| Protection | IP67; TVS 8000V lightning proof; surge protection; voltage transient protection |
| **Structure** | |
| Dimensions | 161.0 mm × 135.3 mm × 291.5 mm<br>(6.34" × 5.32" × 11.48") |
| Net Weight | 3.6 kg (7.93 lb) |
| Gross Weight | 6.4 kg (14.11 lb) |

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