

30X Zoom IR WDR PTZ IP Cameras

HDZP304DI



ONVIF® | S G

| CAMERA | |
|------------------------|--|
| IMAGE SENSOR | 1/3-in. CMOS |
| OPTICAL ZOOM | 30x |
| DIGITAL ZOOM | 16X |
| WDR | 120 dB |
| S/N RATIO | >55dB |
| MINIMUM ILLUMINATION | Color: 0.05 Lux at F1.6 0 Lux at F1.6 (IR on) |
| FOCAL LENGTH | 4.5 mm – 135 mm |
| MAX APERTURE | F1.6 – F4.4 |
| FOCUS MODE | Manual/Auto |
| IR DISTANCE | Up to 328 ft. (100 m), depending on scene reflectance |
| ANGLE OF VIEW | Horizontal: 2.2° to 60° |
| WHITE BALANCE | Auto/Indoor/Outdoor/ATW/Manual |
| EXPOSURE MODE | Iris Priority/Shutter Priority/Gain Priority/Manual |
| ELECTRONIC SHUTTER | 1/1 TO 1/30,000 sec |
| BACKLIGHT COMPENSATION | BLC/HLC/WDR (120 dB) |
| DEFOG | On/Off |
| NOISE REDUCTION | 2D/3D |
| DAY/NIGHT | Auto (ICR)/Color/BW |
| OPERATION | |
| PAN TRAVEL | 360° endless |
| TILT TRAVEL | -15° to 90°, auto flip to 180° |
| MANUAL PAN SPEED | Up to 300%/s |
| MANUAL TILT SPEED | Up to 200%/s |
| PRESETS | 300 |
| PRESET SPEED | Pan: 400%/s; Tilt: 300%/s |
| TOURS | 8 |
| AUTO PAN/SCAN | 1/1 |
| PATTERN | 5 |
| PRIVACY MASKS | 24 |
| MOTION DETECTION | On/Off |
| IMAGE ROTATION | Flip |
| AUDIO IN/OUT | 1/1 |
| ALARM INPUT/OUTPUT | 2/1 |
| VIDEO ANALYTICS | Auto-tracking, face detection |
| EVENT | Motion Detect; Audio Detect; SD card capacity warning |
| EVENT NOTIFICATION | Record (SD card and FTP), Relay output, Email, Preset, Tour, Pattern, Snapshot |
| LANGUAGES SUPPORTED | English, Japanese and Korean |
| ELECTRICAL | |
| POWER SOURCE | 24 VAC, 3 A (±10%), PoE+ (802.3at) class 4 |
| POWER CONSUMPTION | 23 W with IR on |

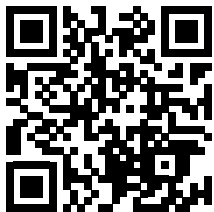
| MECHANICAL | |
|------------------------|--|
| DIMENSIONS | Ø7.32" x 12.17" (Ø186.0 mm x 309.0 mm) |
| PRODUCT WEIGHT | 7.72 lb (3.50 kg) |
| CONNECTORS | Power input: Bare wire with connectors Network: RJ45 connector Alarm I/O: Twisted wire (2 in/1 out) Audio I/O: Twisted wire (1 in/1 out) |
| CONSTRUCTION MATERIAL | Aluminum |
| CONSTRUCTION COLOUR | White (RAL CODE 9003) |
| ENVIRONMENTAL | |
| OPERATING TEMPERATURE | -40°F to 158°F (-40°C to 70°C) |
| RELATIVE HUMIDITY | Less than 90%, non-condensing |
| WATERPROOF STANDARD | IP66 |
| IP SPECIFICATIONS | |
| VIDEO COMPRESSION | H.265/H.264/MJPEG |
| VIDEO STREAMING | Primary Stream: 4 MP, 3 MP at 30 fps or 1080p, 1.3 MP, 720p at 60 fps 2nd Stream: D1, CIF at 30 fps 3rd Stream: 1080p, 1.3 MP, 720p at 30 fps |
| VIDEO RESOLUTION | 4 MP (2592 x 1520), 3 MP (2304 x 1296), 1080p (1920 x 1080), 720p (1280 x 720), D1 (704 x 480), CIF (352 x 240) |
| AUDIO COMPRESSION | G.711a, G.711Mu, AAC, G.722, |
| AUDIO STREAM | Full-duplex, Simplex |
| INTERFACE | RJ-45, 10/100 Mbps Ethernet |
| SUPPORTED PROTOCOLS* | IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, SSL, FTP, SMTP, DHCP, PPPoE, UPnP, SNMP, Bonjour, DDNS, IEEE 802.1x, QoS, NTP, IP Filter, ONVIF |
| SECURITY | User account and password protection, HTTPS, IP Filter, IEEE 802.1x, Digest authentication, User access log |
| MAXIMUM USERS ACCESS | 20 users |
| MICRO SD | Support for microSD up to 128 GB (card not included) |
| MICRO SD FUNCTION | <ul style="list-style-type: none"> Event trigger recording Continuous and scheduled recording Automatic recording when network fails |
| SUPPORTED WEB BROWSERS | IE 10, Firefox |
| SUPPORTED OS | Windows® 7 32-bit/64-bit |
| COMMUNICATION | ONVIF Profile S |
| REGULATORY | |
| EMISSIONS | FCC Part 15B, EN55032 |
| IMMUNITY | EN50130-4 |
| SAFETY | EU: EN60950-1 UL Listed to UL/CSA 60950-1 |
| ROHS | EN50581 |

* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

Performance Series – 30x Zoom IR WDR IP PTZ Cameras

Indoor WDR IR Minidome IP Cameras

ORDERING

| INTEGRAZIONE DEL SISTEMA | | RECOMMENDED RECORDERS | | * The * = hard drive capacity in TB. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|----------|--------------------------------------|------------------------------|----------|--------------------------------|----------|--------------------------------|----------|--------------------------------|----------|--------------------------------|----------|--------------------------------|----------|--------------------------------|----------|--------------------------------|----------|--------------------------------|----------|----------------------------|----------|----------------------------|----------|------------------------------|-----------|---------------------------------|-----------|---------------------------------|-----------|----------------------------------|-----------|-------------------------------------|--|
| <p>ONVIF support and open API software integration. Refer to www.onvif.org for the ONVIF specification and the Honeywell Open Technology Alliance website (http://www.security.honeywell.com/hota/) to learn more about our open and integrated solutions.</p>  | | <table border="1"> <tr><td>HEN081*4</td><td>8ch, 2 HDD, 8 PoE, 4K, H.265</td></tr> <tr><td>HEN161*4</td><td>16ch, 2 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN321*4</td><td>32ch, 2 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN162*4</td><td>16ch, 4 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN322*4</td><td>32ch, 4 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN642*4</td><td>64ch, 4 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN163*4</td><td>16ch, 8 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN323*4</td><td>32ch, 8 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN643*4</td><td>64ch, 8 HDD, 16 PoE, 4K, H.265</td></tr> <tr><td>HEN041*3</td><td>H.265 4CH NVR, 4 POE Ports</td></tr> <tr><td>HEN081*3</td><td>H.265 8CH NVR, 8 POE Ports</td></tr> <tr><td>HEN161*3</td><td>H.265 16CH NVR, 16 POE Ports</td></tr> <tr><td>HEN041*3L</td><td>H.265 4CH NVR, Without POE Port</td></tr> <tr><td>HEN081*3L</td><td>H.265 8CH NVR, Without POE Port</td></tr> <tr><td>HEN161*3L</td><td>H.265 16CH NVR, Without POE Port</td></tr> <tr><td>HEN321*3L</td><td>H.265 4K 32CH NVR, Without POE Port</td></tr> </table> | HEN081*4 | | 8ch, 2 HDD, 8 PoE, 4K, H.265 | HEN161*4 | 16ch, 2 HDD, 16 PoE, 4K, H.265 | HEN321*4 | 32ch, 2 HDD, 16 PoE, 4K, H.265 | HEN162*4 | 16ch, 4 HDD, 16 PoE, 4K, H.265 | HEN322*4 | 32ch, 4 HDD, 16 PoE, 4K, H.265 | HEN642*4 | 64ch, 4 HDD, 16 PoE, 4K, H.265 | HEN163*4 | 16ch, 8 HDD, 16 PoE, 4K, H.265 | HEN323*4 | 32ch, 8 HDD, 16 PoE, 4K, H.265 | HEN643*4 | 64ch, 8 HDD, 16 PoE, 4K, H.265 | HEN041*3 | H.265 4CH NVR, 4 POE Ports | HEN081*3 | H.265 8CH NVR, 8 POE Ports | HEN161*3 | H.265 16CH NVR, 16 POE Ports | HEN041*3L | H.265 4CH NVR, Without POE Port | HEN081*3L | H.265 8CH NVR, Without POE Port | HEN161*3L | H.265 16CH NVR, Without POE Port | HEN321*3L | H.265 4K 32CH NVR, Without POE Port | |
| HEN081*4 | 8ch, 2 HDD, 8 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN161*4 | 16ch, 2 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN321*4 | 32ch, 2 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN162*4 | 16ch, 4 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN322*4 | 32ch, 4 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN642*4 | 64ch, 4 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN163*4 | 16ch, 8 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN323*4 | 32ch, 8 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN643*4 | 64ch, 8 HDD, 16 PoE, 4K, H.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN041*3 | H.265 4CH NVR, 4 POE Ports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN081*3 | H.265 8CH NVR, 8 POE Ports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN161*3 | H.265 16CH NVR, 16 POE Ports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN041*3L | H.265 4CH NVR, Without POE Port | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN081*3L | H.265 8CH NVR, Without POE Port | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN161*3L | H.265 16CH NVR, Without POE Port | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEN321*3L | H.265 4K 32CH NVR, Without POE Port | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECOMMENDED MOUNTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZPMA | Pole mount adapter for wall mount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZCMA | Corner mount adapter for wall mount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZJB | Junction box | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZBSPPA | 1.5 Inch G Adapter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZGM | Wall mount gooseneck bracket (Included with 1.5 Inch Camera with G Adapter) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZCM1 | PTZ Ceiling mount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZCM2 | Ceiling mount extension pole for HDZCM1, 220 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZCM3 | Ceiling mount extension pole for HDZCM1, 420 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ORDERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDZP304DI | Network WDR PTZ Dome, 4MP Resolution, 30x Zoom, WDR, H.265/H.264, NTSC/PAL, 4 IR LEDs, IP66, PoE+, micro SD Card Compatible (Supports up to 128 GB cards, card not included) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

For more information

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