

# HDZP304DI

## 30X Zoom IR WDR PTZ IP Cameras

Honeywell's latest HDZP304DI PTZ is part of the growing line of IP-based products. The high definition, True Day/Night WDR PTZ cameras provide extremely crisp video with up to 4 million effective pixels and 30x optical zoom for continuous surveillance in many security applications.

### Superior Image Quality

- Full 4MP resolution, 50/60 fps image in 1080P and lower resolution with a 1/3" 4 megapixel sensor
- True WDR 120 dB ensures glare-free images
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR (Infrared Cut Filter Removal)
- Excellent low-light performance with 3D noise reduction, saving storage and bandwidth together with H.265 and smart codec technology

### Flexible Surveillance Solution

- 4.5-135mm, F1.6-F4.4, 30x optical zoom lens with 360° continuous rotation for the flexibility to clearly view the target area with desired width and depth
- H.265, H.264 and MJPEG codec, triple stream support
- Four IR LEDs provide up to 328 ft. (100 m) of illumination in dimly lit or nighttime scenes (depending on scene reflectance)
- Water resistant (IP66) camera housing
- -40°F to 158°F (-40°C to 70°C) working temperature
- Built-in Analytics in the camera, such as face detection
- Security features include individual signed certificates and data encryption

### Onboard Video Storage

- Supports up to 128 GB microSDHC card for local video storage on events, continuous, or schedule, or with network interruption. Card not included

### FEATURES AND BENEFITS

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| <ul style="list-style-type: none"><li>• 4.5-135mm, F1.6-F4.4, 30x optical zoom lens</li><li>• 1/3" progressive scan image sensor</li><li>• Up to 25/30 fps in 4MP. Up to 50/60 fps in 1080P, 1.3MP and 720P</li></ul> | <ul style="list-style-type: none"><li>• Up to triple stream support</li><li>• Ultra-low light performance</li><li>• 328 ft. (100 m) IR distance, depending on scene reflectance</li><li>• True WDR: 120 dB</li></ul> | <ul style="list-style-type: none"><li>• Excellent low light performance with down to 0 lux BW (with IRs on)</li><li>• Multiple, selectable compression formats (H.265/H.264/MJPEG). Smart codec support in H.265/H.264</li></ul> | <ul style="list-style-type: none"><li>• Built-in Analytics, including Face detection</li><li>• Automatically restores to previous PTZ and lens position after power failure</li><li>• Choice of 24 VAC or PoE+ power inputs</li></ul> | <ul style="list-style-type: none"><li>• On board camera storage: up to 128 GB microSD card (not included)</li><li>• ONVIF profile S and Q compliant</li><li>• Water resistant IP66 ingress protection rating</li></ul> |
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### Easy to Install and Use

- Built-in High PoE+ (Power over Ethernet 802.3at) eliminates separate power supply and associated wiring; 24 VAC input where PoE+ power is unavailable
- ONVIF Profile S and Q compliant
- Remote configuration, motorized pan, tilt and zoom adjustments and auto focus through web client

### MARKET OPPORTUNITIES

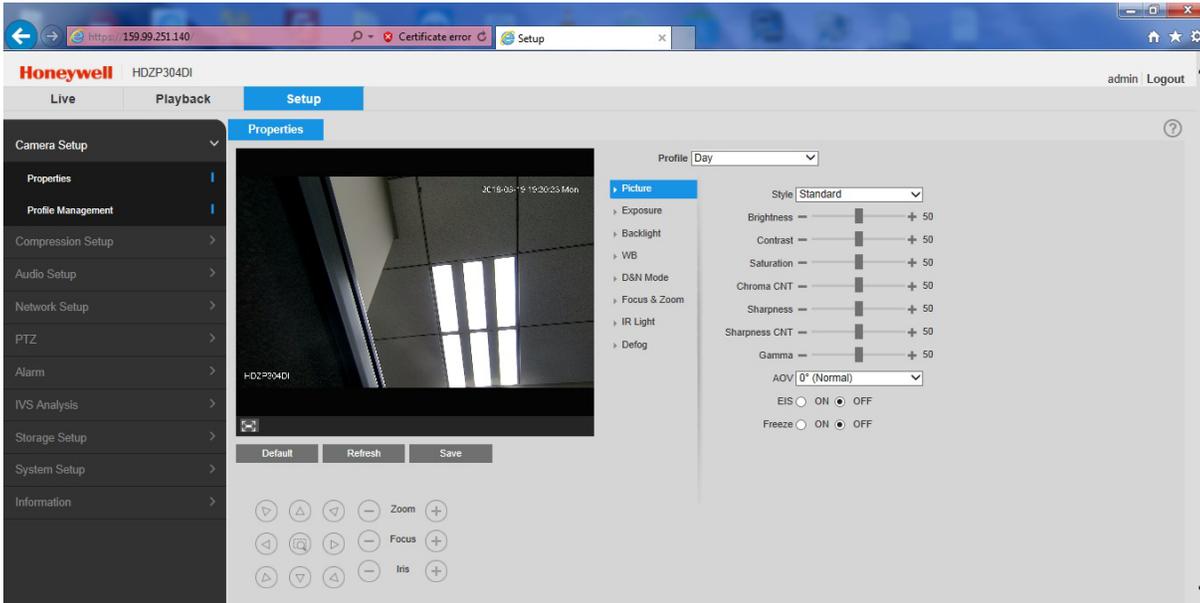
The combination of the latest digital technology and advanced video processing makes HDZP304DI ideally suited for large-scale surveillance in cities, roadways, airports, government facilities, schools and campuses, industrial environments and anywhere detailed surveillance is essential.

# HDZP304DI

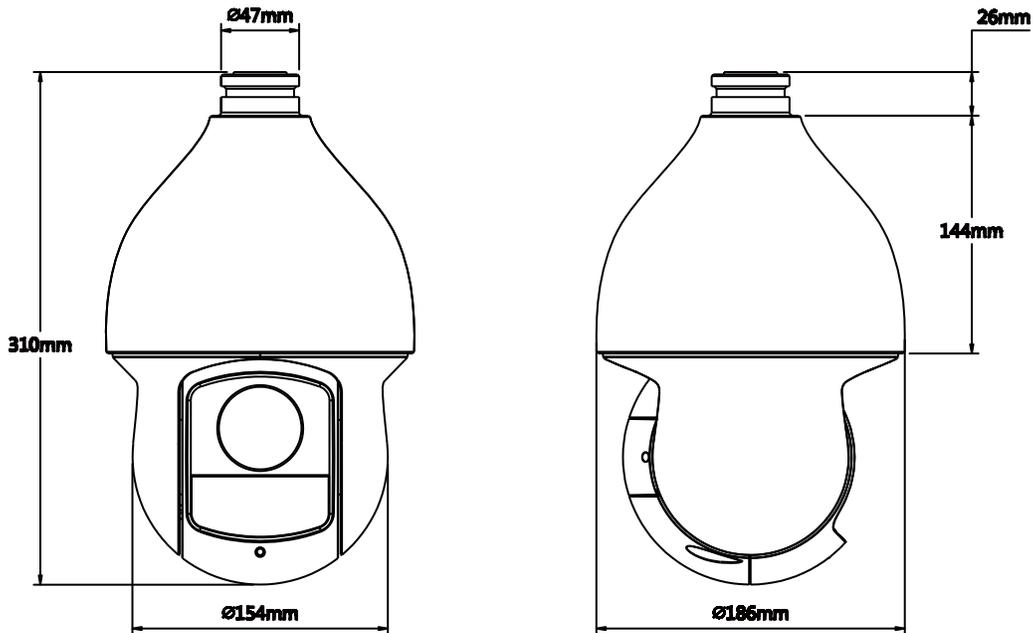
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### FEATURES CONTINUED

The camera can be configured to automatically detect and respond to events such as motion in the scene, alarm inputs, network failure, and/or camera tampering. Automated responses include: sending a notification through email, FTP, and/or HTTP; sending a still image of the event through email and/or FTP; and recording a video clip of the event to a configured microSDHC card. Setup can be done through a web client.



### DIMENSIONS



# HDZP304DI 30X Zoom IR WDR PTZ IP Cameras

## Technical Specifications

CAMERA	
VIDEO STANDARD	1/3-in. CMOS
OPTICAL ZOOM	30x
DIGITAL ZOOM	16x
NUMBER OF PIXELS (H×V)	2592 × 1520 (4MP)
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
BACKLIGHT COMPENSATION	BLC/HLC/WDR (120 dB)
DEFOG	On/Off
NOISE REDUCTION	2D/3D
DAY/NIGHT	Auto (ICR)/Color/BW
OPERATIONAL	
PAN TRAVEL	360° endless
TILT TRAVEL	-15° to 90°, auto flip 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 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)

POWER CONSUMPTION	23 W with IR on
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MECHANICAL	
DIMENSIONS	Ø7.32" × 12.17" (Ø186.0 mm × 309.0 mm)

PRODUCT WEIGHT	7.72 lb (3.50 kg)
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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)
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CONSTRUCTION MATERIAL	Aluminum
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CONSTRUCTION COLOR	White (RAL CODE 9003)
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ENVIRONMENTAL	
OPERATING TEMPERATURE	-40°F to 158°F (-40°C to 70°C)

RELATIVE HUMIDITY	Less than 90%, non-condensing
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WATERPROOF STANDARD	IP66
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### IP SPECIFICATIONS

VIDEO COMPRESSION	H.265 / H.264 / MJPEG
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VIDEO STREAMING	Primary Stream: 4 MP, 3 MP at 30 fps or 1080p, 1.3 MP, 720p at 60 fps 2rd Stream : D1, CIF at 30 fps 3rd Stream: 1080p, 1.3 MP, 720p at 30 fps
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VIDEO RESOLUTION	4 MP (2592 × 1520), 3 MP (2304 × 1296), 1080p (1920 × 1080), 720p (1280 × 720), D1 (704 × 480), CIF (352 × 240)
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# HDZP304DI 30X Zoom IR WDR PTZ IP Cameras

## Technical Specifications

IP SPECIFICATIONS	
AUDIO COMPRESSION	G.711a, G.711Mu, AAC, G.722, G.726, G.729, MPEG2-L2
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 Event trigger recording Continuous and scheduled recording Automatic recording when network fails

SUPPORTED WEB BROWSERS IE 10, Firefox

COMMUNICATION ONVIF Profile S and Q

### REGULATORY

EMISSIONS FCC Part 15B, EN55032

IMMUNITY EN50130-4

SAFETY EU:EN60950-1  
UL Listed to UL/CSA 60950-1

ROHS EN50581

## RECOMMENDED ACCESSORIES

### SYSTEM INTEGRATION

ONVIF support and open API software integration. Refer to [www.onvif.org](http://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.



### REGULATORY

HDZPMA Pole mount adapter

HDZCMA Corner mount adapter

HDZJB Junction box

HDZBSPPA 1.5" MPT Mount adapter

HDZGM Gooseneck Mount (Included with Camera with 1.5" MPT Adapter)

HDZCM1 PTZ Ceiling mount

## 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)
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For more information,  
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