

# 30X Zoom IR WDR PTZ IP Cameras

HDZP304DI



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	Ø186.0 mm × 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°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	<b>Primary Stream:</b> 4 MP, 3 MP at 30 fps or 1080p, 1.3 MP, 720p at 60 fps <b>2nd Stream:</b> D1, CIF at 30 fps <b>3rd Stream:</b> 1080p, 1.3 MP, 720p at 30 fps
VIDEO RESOLUTION	4 MP (2592 × 1520), 3 MP (2304 × 1296), 1080p (1920 × 1080), 720p (1280 × 720), D1 (704 × 480), CIF (352 × 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"> <li>Event trigger recording</li> <li>Continuous and scheduled recording</li> <li>Automatic recording when network fails</li> </ul>
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	
<p>ONVIF support and open API software integration. Refer to <a href="http://www.onvif.org">www.onvif.org</a> for the ONVIF specification and the Honeywell Open Technology Alliance website (<a href="http://www.security.honeywell.com/hota/">http://www.security.honeywell.com/hota/</a>) to learn more about our open and integrated solutions.</p>		<p><b>HEN081*4</b> 8ch, 2 HDD, 8 PoE, 4K, H.265</p> <p><b>HEN161*4</b> 16ch, 2 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN321*4</b> 32ch, 2 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN162*4</b> 16ch, 4 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN322*4</b> 32ch, 4 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN642*4</b> 64ch, 4 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN163*4</b> 16ch, 8 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN323*4</b> 32ch, 8 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN643*4</b> 64ch, 8 HDD, 16 PoE, 4K, H.265</p> <p><b>HEN041*3</b> H.265 4CH NVR, 4 POE Ports</p> <p><b>HEN081*3</b> H.265 8CH NVR, 8 POE Ports</p> <p><b>HEN161*3</b> H.265 16CH NVR, 16 POE Ports</p>	<p>* The * = hard drive capacity in TB.</p>
RECOMMENDED MOUNTS			
<b>HDZPMA</b>	Pole mount adapter for wall mount		
<b>HDZCMA</b>	Corner mount adapter for wall mount		
<b>HDZJB</b>	Junction box		
<b>HDZBSPPA</b>	1.5 Inch G Adapter		
<b>HDZGM</b>	Wall mount gooseneck bracket (Included with 1.5 Inch Camera with G Adapter)		
<b>HDZCM1</b>	PTZ Ceiling mount		
<b>HDZCM2</b>	Ceiling mount extension pole for HDZCM1, 220 mm		
<b>HDZCM3</b>	Ceiling mount extension pole for HDZCM1, 420 mm		
ORDERING			
<b>HDZP304DI</b>	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

[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

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