

# 70 SERIES AI IP CAMERAS

Advanced AI Cameras with Smart Analytics  
To Improve Situational Awareness



ONVIF® | S G T M

5 YEAR  
WARRANTY

## MARKET APPLICATIONS

Protection of mission-critical applications and highly regulated/restricted areas typically found in utilities, industrial, transportation, government/defense, enterprise, banking, data centers and gaming.

## RUGGED AND FLEXIBLE SURVEILLANCE SOLUTION

- Water/dust proof (IP66/67) and IK10 and NEMA 4X (outdoor dome and bullet)
- ONVIF Profile S, T, G, M compliant (select models)

## ONBOARD VIDEO STORAGE

- Supports two microSD cards (up to 1 TB each), for high-capacity storage (up to 2 TB when combined), or in redundant mode one from the other. Cards not included

## EASY TO INSTALL AND USE

- Built-in PoE eliminates separate power supply and associated wiring; 24 VAC/48 VDC/12 VDC inputs where PoE power is unavailable
- Camera configuration via Wi-Fi<sup>(3)</sup> (mobile device), WebClient or NVR to adjust zoom, auto focus, etc.
- Multiple mounting options to support a wide range of security applications
- Multiple language GUI<sup>(3)</sup> (9 countries)
- Unified camera configuration tool for the batch configuration
- H.265<sup>(1)</sup>, H.264, Smart Codec<sup>(2)</sup> and MJPEG supported with triple streaming

Honeywell new 70 AI Series cameras offer advanced artificial intelligence and smart video analytics capabilities enabling object categorization to improve situational awareness and reduce nuisance alarms. They deliver exceptional cybersecurity, license plate recognition capabilities, and excellent image quality even in low light conditions.

## ARTIFICIAL INTELLIGENCE AND SMART ANALYTICS

- Intelligent Video Analytics built-in to improve situational awareness and reduce false and nuisance alarms for Smart Detection of motion, intrusion, loitering, line crossing, unattended object and missing object, making them an excellent fit for perimeter protection and intrusion detection applications
- With AI-based Object Categorization, alarms are triggered only by presence of pets, humans, vehicles or any combination of the three, while filtering out changes in the scene (illumination, wind impact, etc.) which are typical causes of false alarms
- Open Video Analytics Platform for supporting third-party Video Analytic Licenses; i.e. license plate recognition (additional licenses sold separately). Cameras equipped with license plate recognition can be used as the primary sensor in Frictionless Access Systems for controlling the ingress/egress of people and vehicles

## CYBERSECURITY AND COMPLIANCE

- Ubuntu® Core Embedded Linux® operating system making every camera trustworthy by secure boot, full FW encryption, tamper-resistant and hardened against corruption, vulnerability auto-scanning, and strict apps confinement
- FIPS 140-2 certified chipset built-in for video stream and SD card data encryption and decryption, protecting authentication credentials, and proving firmware integrity
- For use as part of video systems that comply with NDAA Section 889

## SUPERIOR HD IMAGE QUALITY, UP TO 8MP<sup>(1)</sup>

- Up to 8 MP (3840 x 2160) cameras
- True WDR (>130 dB) ensures glare-free images
- True day/night provides vivid color images by day and clear black-and-white images at night using a removable IR cut filter
- Excellent low-light performance with 2D/3D noise reduction, saving storage and bandwidth together with smart codec<sup>(2)</sup>
- Adaptive smart IR Technology provides even distribution of IR LEDs in dimly lit or night-time scenes

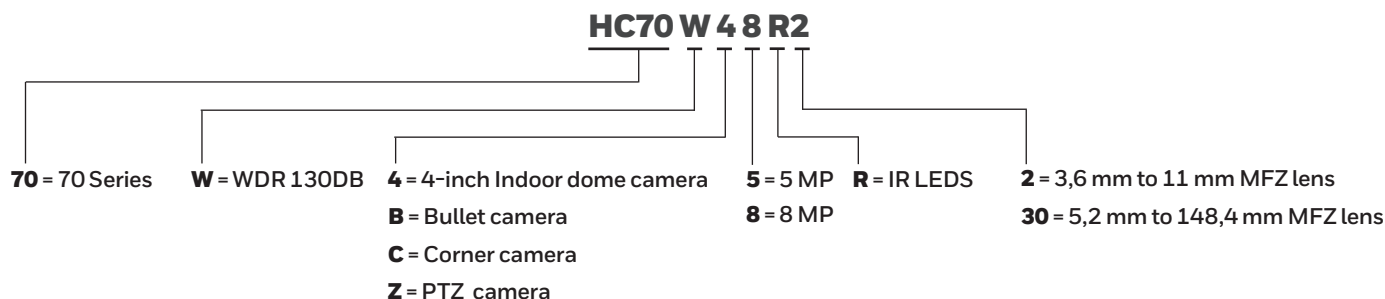
(1): Covered by one or more claims of the patents listed at [patentlist.hevcadvance.com](http://patentlist.hevcadvance.com)

(2): Smart Codec saves up to 50 percent on bandwidth and storage compared to standard H.264/H.265 (scene dependant)

(3): Supplied with English, German, Spanish, French, Italian, Japanese, Portuguese, Russian and Traditional Chinese packages, support the customizable language string edit

**Honeywell**

# 70 SERIES - AI IP CAMERAS



**TABLE 1. ORDERING**

Part Number	Description
HC70WZ5I30	Network TDN WDR in-ceiling speed dome camera, 30X optical zoom, 1/2.8 in 5 megapixel progressive scan CMOS PoE+, H.265, clear bubble
HC70WZ5I30-S	Network TDN WDR in-ceiling speed dome camera, 30X optical zoom, 1/2.8 in 5 megapixel progressive scan CMOS PoE+, H.265, smoked bubble
HC70W48R2	8 MP Network IR rugged dome camera, TDN, WDR, 1/2.7 in CMOS, 3,6 mm to 11 mm MFZ, 22IR LEDs, H.265, PoE, IP66/IP67/IK10
HC70WB8R2	8 MP Network IR bullet camera, TDN, WDR, 1/2.7 in CMOS, 3,6 mm to 11 mm MFZ, 4 IR LEDs, H.265, PoE, IP66/IP67/IK10, NDAA compliant
HC70WC5R3	5MP IR Corner Camera, WDR, 1/2.8" CMOS, H.265, AI Wide-angle, white LED, Smart Video Analytics, FIPS 140-2 certified chipset, IP66/NEMA 4X, IR IK10+
HC70WZ5E30	Network TDN WDR Indoor/Outdoor speed dome camera, 30X optical zoom, 1/2.8" 5 megapixel progressive scan CMOS PoE++, H.265, smoke bubble
Add-On Video Analytic Licenses*	
HV70LPRL1*	Honeywell License Plate Recognition L1, Stop & Go
HV70LPRL2*	Honeywell License Plate Recognition L2, up to speed 30 mph
HVONW70CAM19**	Facial Recognition Annual License per 70 Series Camera (Qtys. 1 to 19)
HVONW70CAM99**	Facial Recognition Annual License per 70 Series Camera (Qtys. 20 to 99)
HVONW70CAM499**	Facial Recognition Annual License per 70 Series Camera (Qtys. 100 to 499)
HVONW70CAM500**	Facial Recognition Annual License per 70 Series Camera (Qtys. 500 and over)

\* License plate recognition video analytic licenses can be ordered with select cameras (HC70W48R2, HC70WB8R2)

\*\*\* Facial recognition licenses can be ordered with select cameras (HC70W48R2, HC70WB8R2, HC70WC5R3)

Refer to individual camera datasheets for more information.

**TABLE 2. OPTIONAL MOUNTS AND ACCESSORIES\***

Model	Description	Model	Description
HA60BB1	Junction box, 60 and 70 Series outdoor bullet camera	HA60CLM01	Pendent mount base, white
HA60CNMZ	Corner mount bracket, white	HA60CLM02	Pendent extension pipe, yes
HA60CNMZI	Corner mount bracket, white	HA60WIF	Wi-Fi dongle and USB adapter for camera configuration
HA60PLMZB	Pole mount bracket, white	HA70RPG	70 Series dome camera rubber kit
HA60PLMZI	Pole mount bracket	HA70CB5	70S in-ceiling PTZ camera - clear bubble replacement
HA60PMC4	Pendent mount adapter, 1.5NPT(outside), 3/4NPT (inside)	HA70SB4	70 Series dome camera - smoked dome replacement
HA60WLM4	Wall mount bracket for 4 inch dome, white	HA70SB5	70 Series in-ceiling PTZ camera - smoked bubble replacement
HA60WLMZI	60S wall mount bracket, white	HA70ICK	70 Series dome camera in-ceiling mount

\* Mounting accessories are not included with camera and must be ordered separately. Please refer to the cross reference matrix or accessories datasheet for detailed information on which accessories are compatible with your camera model. For HA60WM4 and HA60PMC4, please use Rev C or above.

**For More Information**

[buildings.honeywell.com/security](https://buildings.honeywell.com/security)

**Building Automation**

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HA60BB1	HA60WIF	HA60PMC4*	HA60WLM4*	HA60PLMZB	HA60CNMZ	HA70RPG	HA70SB4	HA70SB5	HA70CB5	H
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