

70 SERIES AI IP CAMERAS

Advanced AI Cameras with Smart Analytics
To Improve Situational Awareness



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.

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⁽⁴⁾ 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⁽¹⁾

- 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⁽²⁾
- Adaptive smart IR Technology provides even distribution of IR LEDs in dimly lit or night-time scenes

RUGGED AND FLEXIBLE SURVEILLANCE SOLUTION

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

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⁽³⁾ (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⁽³⁾ (9 countries)
- Unified camera configuration tool for the batch configuration
- H.265⁽¹⁾, H.264, Smart Codec⁽²⁾ and MJPEG supported with triple streaming

(1): Covered by one or more claims of the patents listed at 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

70 Series AI IP Cameras Technical Specifications

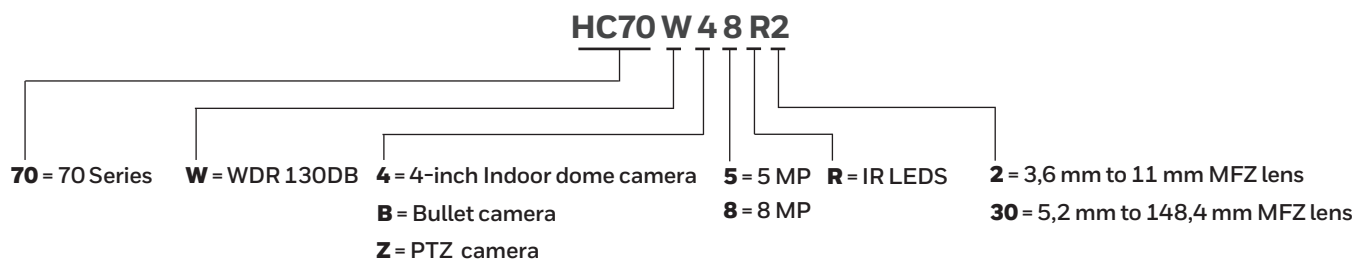


TABLE 1. ORDERING

Part Number	Description
HC70WZ5I30	5 MP network in-ceiling speed dome camera, 30X optical zoom, ONVIF Profile G/S/T
HC70W48R2	8 MP network outdoor dome camera, 3,6 mm to 11mm MFZ, ONVIF Profile G/S/T
HC70WB8R2	8 MP network outdoor bullet camera, 3,6 mm to 11mm MFZ, ONVIF Profile G/S/T
Add-on Video Analytic Licenses*	
HV70LPRL1	Honeywell License Plate Recognition L1, Stop & Go
HV70LPRL2	Honeywell License Plate Recognition L2, up to speed 30 mph

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

Refer to individual datasheets for more information.

TABLE 2. OPTIONAL MOUNTS AND ACCESSORIES*

Model	Description	Model	Description
HA60BB1	Junction box, 60 and 70 Series outdoor bullet camera	HA70RPG	70 Series dome camera rubber kit
HA60WLM4	Wall mount bracket for 4 inch dome, white	HA70SB4	70 Series dome camera smoked dome
HA60PMC4	Pendant mount adapter, 1.5 NPT (outside), 3/4 NPT (inside)	HA70SB5	70 Series dome camera in-ceiling PTZ smoked bubble
HA60CNMZ	Corner mount bracket	HA70ICK	70 Series dome camera in-ceiling mount
HA60PLMZ	Pole mount bracket		
HA60WIF	Wi-Fi dongle & USB adapter for camera configuration		

Accessories beginning with HA60 listed here will work with select models of both 60 Series and 70 Series cameras

Refer to individual datasheets by model or SKU# for recommended accessories

For More Information

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