

# Honeywell Video Analytics

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## Overview

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This application note introduces the Honeywell Video Analytics software for use with IP Cameras.

Please consult your Honeywell sales professional for assistance with your specific application.

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## Model Numbers

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- HAAP – Active Alert Premium Analytics License
  - HAAS – Active Alert Standard Analytics License
  - HAAB – Active Alert Base Analytics License
  - HAAC – People Counting Analytics License
  - HAASI – Smart Impressions Analytics License
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## IP Cameras Supported

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1. Honeywell:
    - a. Honeywell HCD554IP
    - b. Honeywell HCS554IP
    - c. Honeywell HD4DIP
    - d. Honeywell HDXANxDxx ACUIX® PTZ Dome
    - e. Honeywell HDXFNxDxx ACUIX® PTZ Dome
    - f. Honeywell HDXGNxDxx ACUIX® PTZ Dome
    - g. Honeywell HDXJNxDxx ACUIX® PTZ Dome
    - h. Honeywell HNVE1 Streaming Encoder
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**Note: To use Honeywell EQUIP series IP Network Cameras with analytic software, the primary stream (MPEG4) of the camera must be set to CIF (320x240 NTSC, 320x288 PAL) sized image of at least 15FPS. Early versions of the EQUIP series IP Network Cameras shared the primary stream between the recording device and the analytics software. The primary stream has to be set to CIF with at least 15FPS. If the primary stream is changed, to a different setting, the analytics software will force a change resetting the camera to CIF @ 15FPS.**

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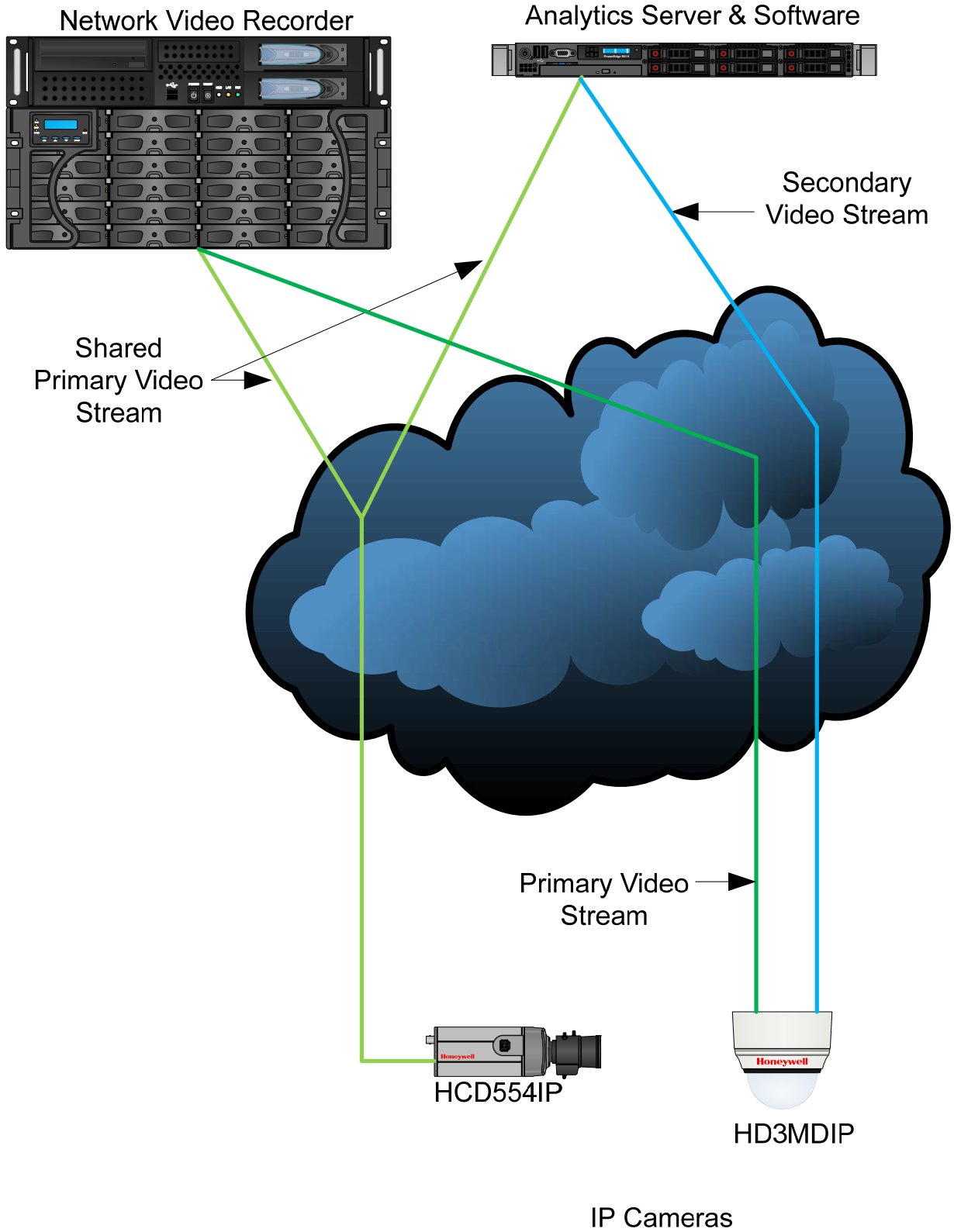
- i. Honeywell HD3MDIP
  - j. Honeywell HD4MDIP
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**Note: For the Honeywell HD3MDIP and the HD4MDIP supporting 720p resolution, due to aspect ratio, the CIF format results in a 320x192 image size while the QCIF mode results in a 160x96 image size when process by the analytics software. The analytics software will utilize a secondary MJPEG stream at CIF using 15FPS. If the primary stream of the HD3MDIP or HD4MDIP is set to full 1280x720 resolution, the camera**

***turns off the secondary stream and analytics will stop receiving video – therefore the primary stream must be set to a lower resolution such as 800x450 pixels. If the analytics server detects a frame rate lower than 10FPS, the analytics server will issue a reset command to the camera to stream 15FPS.***

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2. AXIS
  - a. AXIS 206
  - b. AXIS 207
  - c. AXIS 210
  - d. AXIS 211
  - e. AXIS 212 PTZ
  - f. AXIS 216FD
  - g. AXIS 221
  - h. AXIS 225FD
  - i. AXIS 241S
  - j. AXIS 241Q
  - k. AXIS 243Q
  - l. AXIS 243Q Blade
  - m. AXIS Q7401
  - n. AXIS Q7404
  - o. AXIS Q7406
  - p. AXIS 2120
  - q. AXIS 2400
  
3. Sony
  - a. Sony SNC-RZ20N
  - b. Sony SNC-RZ30NIP6122
  - c. Sony SNC-RZ50N/P



# **Honeywell**

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