

AV3115/AV5115

3 or 5 Megapixel Compact H.264 IP MegaVideo® Camera

Arecont Vision
megapixel technology...
beyond imagination

AV3115 3MP Color
AV3115DN 3MP Day/Night
AV3115AI 3MP Auto-Iris

AV5115 5MP Color
AV5115DN 5MP Day/Night
AV5115AI 5MP Auto-Iris



The **Fastest** Frame Rate at 5MP resolution on the market : 14 fps @ 5MP

Compact Package for size constraints of environmental housing

Address **cost sensitive** H.264 market

Arecont Vision Advantages:

- 3 & 5 Megapixel Configurations
- Dual Encoder H.264 (MPEG Part 10) and MJPEG
- Fastest MegaPixel Image Rates
- Unparalleled High Definition Resolution, 2592x1944
- Binning technique improve low-light performance
- PSIA Compliance
- Privacy Mask
- Extended Motion Detection Grid
- Flexible Cropping
- Bit Rate Control
- Multi-Streaming
- Forensic Zooming
- Cost Efficiency
- Compact Package

Made in USA



Model Numbers:

AV3115	3MP Color
AV3115DN	3MP Day/Night
AV3115AI	3MP Auto-Iris
AV5115	5MP Color
AV5115DN	5MP Day/Night
AV5115AI	5MP Auto-Iris

Imaging

- 3 megapixel CMOS image sensor (AV3115)
- 5 megapixel CMOS image sensor (AV5115)
- Full resolution: 2592 (H) x 1944 (V) pixel array
- 1/2.5" optical format
- 2.2 µm pixel pitch
- Bayer mosaic RGB filter
- Minimum illumination of:
 - Color(non-binned): 0.3 Lux @ F1.4
 - Color(binned): 0.15 Lux @ F1.4
 - Day/Night: 0 Lux, IR sensitive
- Dynamic range 70.1 dB
- Maximum SNR 44.1 dB

Full Field of View (FOV) Resolution

Model Numbers	Full FOV Resolution	1/4 Resolution
AV3115	3MP 2048 (H) x 1536 (V)	1024(H) x768(V)
AV5115	5MP 2592 (H) x 1944 (V)	1296(H) x972(V)

Cropped (FOV) Resolution

Flexible Cropping - Crop to 2 pixels in H.264 and 1 pixel in JPEG

- 2560x1600 QWXGA (AV5115)
- 2048x1536 3MP (AV5115)
- 1920x1200 WUXGA
- 1920x1080 HDTV-1080p
- 1600x1200 2MP
- 1280x1024 1.3MP
- 1280x720 HDTV - 720p
- 640x480 VGA

Data Transmission

- Video frame rate up to:
 - AV5115:
 - 14fps @ 2592x1944
 - 16.5fps @ 2560x1600
 - AV3115/5115:
 - 21fps @ 2048x1536
 - 31fps @ 1600x1200
 - 29fps @ 1920x1080
 - 41fps @ 1280x1024
- Video frame in binned mode up to:
 - AV5115:
 - 34fps @ 1286x972
 - 41fps @ 1280x800
 - AV3115/5115:
 - 47fps @ 1024x768
 - 64fps @ 800x600
 - 64fps @ 860x540
 - 64fps @ 640x512
- Compression type
 - H.264 (MPEG4, Part 10) / Motion JPEG
 - 21 levels of quality
- TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP image transmission protocols
- 100Base-T Ethernet Network Interface
- Data rate
 - bit rate control from 100Kbps to 10Mbps
 - unthrottled data rate up to 55Mbps
- Multi-streaming: 8 non-identical streams

Electrical

- General purpose opto-coupled input and output
- Power over Ethernet (PoE): PoE 802.3af for camera
- Auxiliary power 12-48V DC, 24V AC
- Power consumption: 4.5 Watts maximum
- Optional DC AI connection (AV3115AI and AV5115AI)

Regulatory Approvals

- FCC, CE, RoHS, cULus

Industry standard

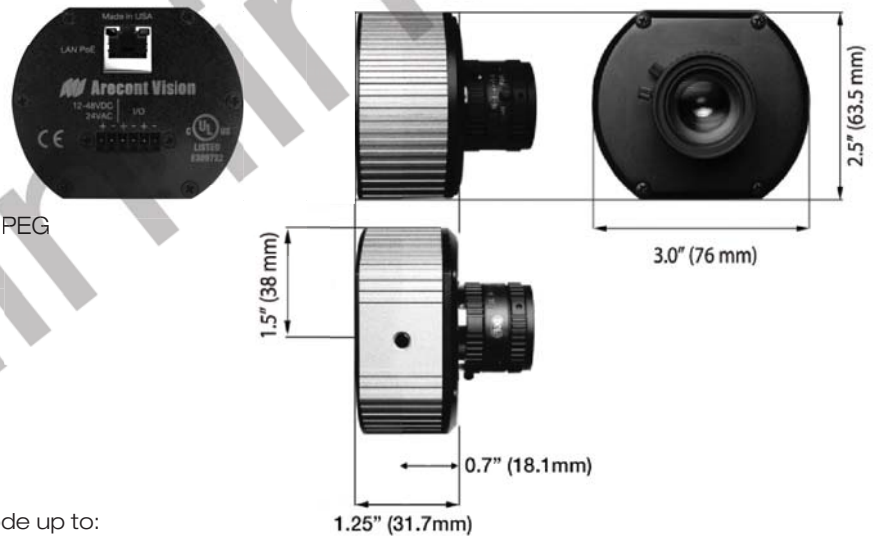
- PSIA compliance

Environmental

- Operating temperature 0°C (32 °F) to +50°C (122 °F)
- Storage temperature -60°C (-76 °F) to +60°C (140 °F)
- Humidity 0% to 90% (non-condensing)

Mechanical

- 3"W (76 mm) x 2.5"H (63.5 mm) x 1.25"D (31.7mm) (w/o lens)
- 5.8 oz (164 grams) w/o lens
- C/CS lens mount



Accessories

- D4S : Indoor 4" Surface Mount Dome
- D4F : Indoor 4" In-Ceiling Mount Dome
- Dome 4-I : Indoor 4" Vandal Dome
- Dome 4-O : Outdoor 4" Vandal Dome
- Dome 5-I : Indoor 5" Recessed Dom
- HSG1-O-W : Outdoor Environmental Housing w/Heater/Blower

Lenses

- MPL4-10
- MPL4-12
- MPL8-16
- MPL4.0
- MPL6.0
- MPL8.0
- LENS4-13
- LENS4-10AI

