

AV1115/AV2115

1.3-Megapixel or Full HD 1080p @ 31fps Compact H.264 IP MegaVideo® Camera



AV1115v1 1.3MP Color
AV1115DNv1 1.3MP Day/Night
AV1115DNA1v1 1.3MP Day/Night and Auto-Iris

AV2115v1 Full HD 1080p Color
AV2115DNv1 Full HD 1080p Day/Night
AV2115DNA1v1 Full HD 1080p Day/Night and Auto-Iris



With Casino Mode™

The **Fastest Frame Rates** at 1080p and
1.3MP Resolution on the Market:
31fps @ 1080p; 42fps @ 1.3MP

Compact Package for Size
Constraints of Environmental Housing

Addresses **Cost-Sensitive** H.264 Market

Arecont Vision Advantages:

- Dual Encoder H.264/MJPEG
- The Fastest Frame Rates on the Market
- PSIA and ONVIF Conformant
- New User-Friendly Webpage
- Privacy Mask, Motion Detection and Flexible Cropping
- Bit Rate Control and Multi-Streaming
- Forensic Zooming
- True Day/Night Functionality with Removable IR Cut Filter
- PoE and Auxiliary Power: 12–48 VDC/24 VAC
- Casino Mode™ Always Maintains 30fps
- Color, Day/Night and Auto-Iris with Day/Night Versions

Specification sheets subject to change without notice

Made in USA



Model Numbers

AV1115v1	1.3MP Color
AV1115DNv1	1.3MP Day/Night
AV1115DNAIv1	1.3MP Day/Night and Auto-Iris
AV2115v1	Full HD 1080p Color
AV2115DNv1	Full HD 1080p Day/Night
AV2115DNAIv1	Full HD 1080p Day/Night and Auto-Iris

Imaging

- 1.3-megapixel CMOS image sensor (AV1115)
- 2.07-megapixel CMOS image sensor (AV2115)
- Full resolution: 1920 (H) x 1080 (V) pixel array
- 1/2.7" optical format
- 3 µm pixel pitch
- Minimum illumination of:
 - Color (non-binned): 0.1 Lux @ F1.4
 - Day/Night: 0 Lux, IR sensitive
- Dynamic range 69 dB
- Maximum SNR 45 dB

Full Field of View (FOV) Resolution

Model Numbers	Full FOV Resolution	1/4 Resolution
AV1115	1.3MP 1280 (H) x 1024 (V)	640 (H) x 512 (V)
AV2115	2.07MP 1920 (H) x 1080 (V)	960 (H) x 540 (V)

Cropped (FOV) Resolution

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

- 1280x1024 1.3MP (AV2115)
- 352x288 CIF
- 1280x720 HDTV - 720p
- 320x240 SIF
- 640x480 VGA

Data Transmission

- Video frame rate up to:
 - AV2115: 31fps @ 1920x1080
 - AV1115: 42fps @ 1280x1024
- Compression type
 - H.264 (MPEG-4, Part 10)/Motion JPEG
 - 21 levels of quality
- TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP image transmission protocols
- 100Base-T Ethernet Network Interface
- 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: 5.1 Watts maximum
- Optional DC AI connection (DNAIv1 models only)

Compliance Information

- Compliance:
 - Class A FCC, Part 15; EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3 RoHS, REACH
- CE Mark, UL Listed

Industry Standard

- PSIA and ONVIF conformant

Programmability

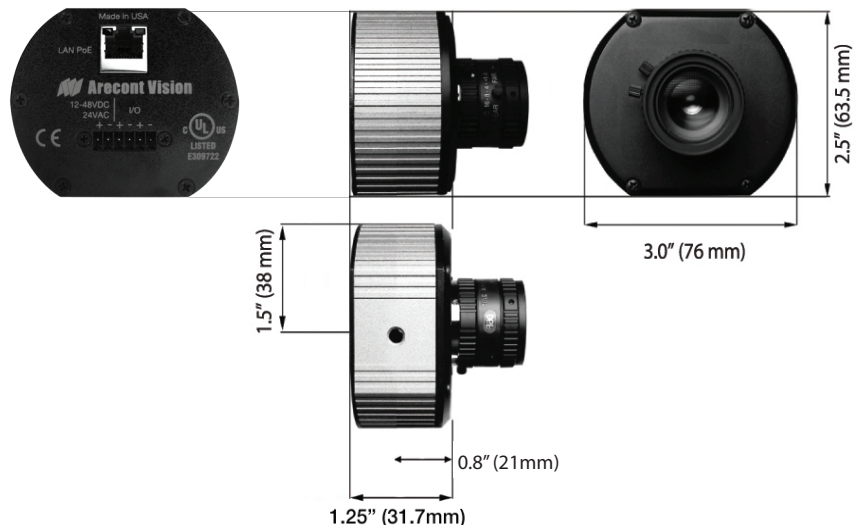
- Casino Mode™
- Flexible cropping
- Low-light noise filter control
- Bit rate and bandwidth limitation control
- On-camera real-time motion detection and privacy mask with 1024 detection zones
- Backlight compensation
- Auto multi-matrix white balance
- 50/60Hz selectable flicker control
- Electronic pan, tilt, zoom (PTZ)
- Electronic image flip - 180 degree rotation
- Resolution windowing down to 1x1 pixel for JPEG and 2x2 pixels for H.264
- Programmable shutter speed to help control motion blur
- MoonLight™ mode - extended exposure and noise cancellation
- Programmable resolution, brightness, saturation, gamma, sharpness, tint
- Simultaneous delivery of full field of view and zoomed images
- Bandwidth and storage savings by running at 1/4 resolution

Environmental

- Operating temperature -5°C (23°F) to +50°C (122°F)
- Stable image temperature 0°C (32°F) to +50°C (122°F)
- Storage temperature -20°C (-4°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 (31.7 mm) (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 Flush Mount Dome
- D4SO: Outdoor 4" Ip66, Ik-10, Dome Housing
- Dome 4-I: Indoor 4" Vandal Dome
- Dome 4-O: Outdoor 4" Vandal Dome
- Dome 5-I: Indoor 5" Recessed Dome
- HSG2: Outdoor Ip67 Housing with Heater and Dual Fans

Lenses

- MPL1.55
- MPL3.5 (1.3MP only)
- MPL4.0
- MPL6.0
- MPL6.2 (1.3MP only)
- MPL8.0
- MPL4-10
- MPL4-12
- MPL8-16
- MPL12-40
- MPL33-11
- MPL33-12
- LENS4-13
- LENS4-10AI (DNAIv1 models only)