

# Ultra HD Megapixel Lenses

Fixed Focal and Vari-Focal Ultra HD Lenses for MegaVideo® Series Cameras



## For Use with 5MP, 10MP, and 4K MegaVideo® Series IP Cameras

In comparison with traditional security lenses, Arecont Vision Ultra HD Fixed Focal and Vari-Focal Series Lenses have these advantages:

- High Quality Optical Glass
- Larger Aperture, up to F1.2
- Higher Sharpness
- Lower Distortion
- Better Relative Illumination
- Less Chromatic Aberration
- CS Mount and C Mount
- 1/2.3", 1/1.7", 2/3" Optical Options

### Lens Specifications

Part Number	Focal Length	Optical Format	Mount	Aperture	Iris Range	IR Corrected	Dimensions	Weight
<b>Fixed Focal</b>								
JHF25M-5MP	25mm	2/3"	C	F1.4	Manual	No	ø 51 (2") x 48 mm (1.89")	190g (0.41lbs)
JHF35M-5MP	35mm	2/3"	C	F1.4	Manual	No	ø 51 (2") x 62mm (2.44")	230g (0.50lbs)
<b>Vari-Focal</b>								
UHD4.0-10MPI	4.0–10mm	1/2.3"	CS	F1.6	P-iris	Yes	ø 57 (2.24") x 39.8mm (1.56")	68g (0.14lbs)
UHD4.4-10MPI	4.4–10mm	1/1.7"	CS	F1.2	P-iris	Yes	ø 57 (2.24") x 39.8mm (1.56")	68g (0.14lbs)
UHD45-10	4.5–10mm	1/2.3"	CS	F1.8	Manual	Yes	ø 40 (1.57") x 61mm (2.4")	174.1g (0.38lbs)
UHD45-10AI	4.5–10mm	1/2.3"	CS	F1.8	DC iris	Yes	ø 40 (1.57") x 61.4mm (2.41")	146.2g (0.32lbs)
UHD12-50MPI	12–50mm	1/1.7"	CS	F1.8	P-iris	Yes	ø 67 (2.63") x 52.5mm (2.06")	158.7g (0.34lbs)
UHD30-120MPI	30–120mm	1/1.7"	C	F2.2	P-iris	Yes	ø 97 (3.81") x 141mm (5.59")	748.4g (1.65lbs)

## FOV-Horizontal Lens Specifications

Part Number	Focal Length	H-FOV by Camera Model		
		AV5215	AV10215	AV08ZMV-300
<b>Fixed Focal</b>				
JHF25M-5MP	25mm	13°	-	-
JHF35M-5MP	35mm	9.3°	-	-
<b>Vari-Focal</b>				
UHD4.0-10MPI	Wide @ 4.0mm	82.8°	90°	-
	Tele @ 10mm	34.3°	37°	-
UHD4.4-10MPI	Wide @ 4.4mm	-	-	96°
	Tele @ 10mm	-	-	43°
UHD45-10	Wide @ 4.5mm	70.4°	75.7°	-
	Tele @ 10mm	33.2°	35.7°	-
UHD45-10AI	Wide @ 4.5mm	70.4°	75.7°	-
	Tele @ 10mm	33.2°	35.7°	-
UHD12-50MPI	Wide @ 12mm	28°	32°	37°
	Tele @ 50mm	6.8°	7.7°	9°
UHD30-120MPI	Wide @ 30mm	10.3°	11.7°	13°
	Tele @ 120mm	2.8°	3.1°	3.5°

"-" Not Compatible

## Fixed Focal Lens Options

### JHF25M-5MP

48mm (1.89")

Ø 51mm (2")

- 25mm
- 2/3"
- F1.4
- C-mount

### JHF35M-5MP

62mm (2.44")

Ø 51mm (2")

- 35mm
- 2/3"
- F1.4
- C-mount

## Vari-Focal Lens Options

### UHD4.0-10MPI



### UHD4.4-10MPI



### UHD45-10



### UHD45-10AI



### UHD12-50MPI



### UHD30-120MPI\*\*



\*\* Not compatible with HSG2 housing

See Next Page for Ordering Information



## Model Numbers

<b>Motorized P-Iris</b>	UHD4.0-10MPI (4.0-10mm)	<input type="checkbox"/> 5MP	<input type="checkbox"/> 10MP	
	UHD4.4-10MPI (4.4-10mm)		<input type="checkbox"/> 4K	
	UHD12-50MPI (12-50mm)	<input type="checkbox"/> 5MP	<input type="checkbox"/> 10MP	<input type="checkbox"/> 4K
	UHD30-120MPI (30-120mm)	<input type="checkbox"/> 5MP	<input type="checkbox"/> 10MP	<input type="checkbox"/> 4K
<b>Manual Vari-Focal</b>	UHD45-10 (4.5-10mm)	<input type="checkbox"/> 5MP	<input type="checkbox"/> 10MP	
	UHD45-10AI (4.5-10mm)	<input type="checkbox"/> 5MP	<input type="checkbox"/> 10MP	
<b>Manual Fixed Focal</b>	JHF25M-5MP (25mm)	<input type="checkbox"/> 5MP		
	JHF35M-5MP (35mm)	<input type="checkbox"/> 5MP		

## Compatible Cameras



**MegaVideo® 4K**

AV08ZMV-300



**MegaVideo® G5**

AV5215DN      AV10215DN  
AV5215PM-S      AV10215PM-S