

MPL Megapixel Lenses

Fixed Focal and Vari-Focal Megapixel Lenses for MegaVideo® Series Cameras



For Use with 1.3MP to 5MP MegaVideo® Compact IP Cameras

In comparison with traditional security lenses, Arecont Vision MPL Lenses have these advantages:

- Larger Aperture
- Higher Sharpness
- Lower Distortion
- Less Chrome Aberration
- Better Relative Illumination
- Compact Dimension
- CS Mount
- Different Optical Format Options

Lens Specifications

Part Number	Focal Length	Optical Format	Mount	Aperture	Iris Range	IR Corrected	Dimensions in mm	Weight
Fixed Focal								
MPL1.55	1.55mm	1/2"	CS	F2.0	Fixed	Yes	ø 30 x 20.4mm	34.1g
MPL3.5	3.5mm	1/2.5"	CS	F1.8	Fixed	Yes	ø 30 x 15.6mm	38.7g
MPL4.0	4.0mm	1/2"	CS	F1.8	Fixed	Yes	ø 30 x 17.5mm	40.2g
MPL6.0	6.0mm	1/2"	C	F1.4	Manual	No	ø 32 x 37.5mm	65g
MPL6.2	6.2mm	1/2.5"	CS	F1.8	Fixed	Yes	ø 32 x 20mm	14.4g
MPL8.0	7.8mm	1/2"	CS	F1.8	Fixed	Yes	ø 32 x 19mm	39.0g
Vari-Focal								
MPL33-11AI	3.3–10.5mm	1/2.5"	CS	F1.4	DC Iris	Yes	ø 32 x 41mm	48g
MPL33-12A	3.3–10.5mm	1/2.5"	CS	F1.4	Manual	Yes	ø 33 x 41.7mm	38g
MPL4-10	4.5–10mm	1/2"	CS	F1.6	Manual	Yes	ø 33 x 39.7mm	80.5g
MPL8-16	8–16mm	1/2"	CS	F1.6	Manual	Yes	ø 33 x 47.2mm	89.9g
MPL4-12	4–12mm	1/2"	CS	F1.4	Manual	Yes	ø 33 x 45.8mm	85.2g
MPL12-40	12–40mm	1/2"	CS	F1.8	Manual	Yes	ø 33 x 51.5mm	96.1g
MPL12-40AI	12–40mm	1/2"	CS	F1.8	DC Iris	Yes	ø 33 x 51.5mm	99.1g

FOV-Horizontal Lens Specifications

Part Number	Focal Length	WDR				WDR			
		AV1115	AV2115	AV2116	AV3115	AV3116	AV5115	AV3135	AV 11015
Fixed Focal									
MPL1.55	1.55mm	146°	180°	-	176°	-	180°	95.7°	-
MPL3.5	3.5mm	65°	96.8°	-	75.6°	-	95.6°	-	-
MPL4.0	4.0mm	55.5°	83°	-	65°	-	82°	95.7°	-
MPL6.0	6.0mm	33.3°	49.8°	-	39°	-	49.2°	57.4°	-
MPL6.2	6.2mm	33°	48°	-	38.4°	-	47.6°	-	-
MPL8.0	7.8mm	28°	41°	-	32.4°	-	40.5°	47°	-
Vari-Focal									
MPL33-11AI	Wide @ 3.3mm	64°	98°	-	75°	-	95°	-	-
	Tele @ 10.5mm	22°	32°	-	25°	-	32°	-	-
MPL33-12A	Wide @ 3.3mm	64°	98°	73°	75°	78°	95°	-	-
	Tele @ 10.5mm	22°	32°	22°	25°	24°	32°	-	-
MPL4-10	Wide @ 4.5mm	47°	71.6°	-	55.2°	-	70.8°	83.4°	-
	Tele @ 10mm	22.6°	34°	-	26.4°	-	33.6°	39.2°	-
MPL8-16	Wide @ 8mm	26.7°	40.2°	-	31.4°	-	40°	47°	-
	Tele @ 16mm	14°	20.7°	-	16.3°	-	20.6°	24°	-
MPL4-12	Wide @ 4mm	50°	76°	-	59°	-	75.8°	90.6°	-
	Tele @ 12mm	21°	31.5°	-	24.6°	-	31.2°	36.6°	-
MPL12-40	Wide @ 12mm	17.6°	26.7°	-	20.7°	-	26.2°	31°	-
	Tele @ 40mm	4.1°	9.1°	-	7.1°	-	9°	10.6°	-
MPL12-40AI	Wide @ 12mm	17.6°	26.7°	-	20.7°	-	26.2°	-	-
	Tele @ 40mm	4.1°	9.1°	-	7.1°	-	9°	-	-

"-" Not Compatible

Fixed Focal Lens Options

MPL 1.55



Arecont 1.55mm
1/2"
F2.0
CS-mount
IR Corrected
Fixed Iris
Fisheye

MPL 3.5



Arecont 3.5mm
1/2.5"
F1.8
CS-mount
IR Corrected
Fixed Iris
Recommended for 5MP Cameras

MPL 4.0



Arecont 4mm
1/1.8"
F1.8
CS-mount
IR Corrected
Fixed Iris

MPL 6.0



Arecont 6mm
1/2"
F1.4
Manual Iris
C-mount

MPL 6.2



Arecont 6.2mm
1/2.5"
F1.8
CS-mount
IR Corrected
Fixed Iris
Recommended for 5MP Cameras

MPL 8.0



Arecont 8mm
1/1.8"
F1.8
CS-mount
IR Corrected
Fixed Iris

Vari-Focal Lens Options

MPL33-11AI



Arecont 3.3-10.5mm
1/2.5"
F1.4
CS-mount
IR Corrected
DC Auto Iris

MPL33-12A



Arecont 3.5-10.5mm
1/2.5"
F1.4
CS-mount
IR Corrected
Replaces MPL33-11 and MPL33-12

MPL4-10



Arecont 4.5-10mm
1/2"
F1.6
CS-mount
IR Corrected

MPL8-16



Arecont 8-16mm
1/2"
F1.6
CS-mount
IR Corrected

MPL4-12



Arecont 4-12mm
1/2"
F1.4
CS-mount
IR Corrected

MPL12-40



Arecont 12-40mm
1/2"
F1.8
CS-mount
IR Corrected

MPL12-40AI



Arecont 12-40mm
1/2"
F1.8
CS-mount
IR Corrected
DC Auto Iris