

MPM Megapixel Lenses

Fixed Focal Megapixel Lenses for MicroDome® Series, MegaVideo® Flex, SurroundVideo® Omni, and SurroundVideo Omni G2 IP Cameras



Lens Specifications

Part Number	Focal Length	Optical Format	Mount	Aperture	Iris Range	IR Corrected	Dimensions in mm	Weight
MPM2.1	2.1mm	1/3"	M12	F1.8	Fixed	Yes	ø 16 (0.63") x 16.8mm (0.66")	6.3g (0.014lbs)
MPM2.8A	2.8mm	1/2.5"	M12	F1.8	Fixed	Yes	ø 18 (0.70") x 16mm (0.63")	5g (0.011lbs)
MPM4.0A	4.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14 (0.55") x 16.4mm (0.65")	5g (0.011lbs)
MPM6.0	6.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14 (0.55") x 17.7mm (0.69")	5.6g (0.012lbs)
MPM8.0	8.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14 (0.55") x 16.6mm (0.65")	4g (0.008lbs)
MPM12.0A	12.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14 (0.55") x 16.5mm (0.65")	5g (0.011lbs)
MPM16.0	16.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14 (0.55") x 13.4mm (0.52")	4g (0.008lbs)

Horizontal FOV Lens Specifications by Sensor

Part Number	Focal Length	H-FOV by Camera Model															
		1.2MP		1.3MP		1080p*		1080p WDR*		3MP*		3MP WDR*		5MP*			
		MD G2	MVF	MD G1	MD G1	MD G2	MVF	MD G1	MD G2	MD G1	MD G2	MVF	MD G1	MD G2	MVF	MD G1	MD G2
MPM2.1	2.1mm	130°	102°	- **	113°	113°	122°	121°	121°	121°	- **						
MPM2.8A	2.8mm	95°	71°	106°	83°	83°	89°	89°	89°	89°	113°						
MPM4.0A	4.0mm	67°	53°	79°	59°	59°	63°	63°	63°	63°	80°						
MPM6.0	6.0mm	46°	35°	52°	40°	40°	44°	43°	43°	43°	56°						
MPM8.0	8.0mm	35°	26°	39°	30°	30°	33°	33°	33°	33°	42°						
MPM12.0A	12.0mm	23°	17°	26°	20°	20°	22°	22°	22°	22°	28°						
MPM16.0	16.0mm	17°	13°	20°	15°	15°	16°	16°	16°	16°	20°						

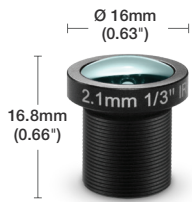
* Per Sensor for MicroDome Duo and SurroundVideo Omni G1/G2 Cameras

** Not Compatible

MD G1	MicroDome (G1)	MDD	MicroDome Duo
MD G2	MicroDome G2	SVO G1	SurroundVideo Omni G1
MVF	MegaVideo Flex	SVO G2	SurroundVideo Omni G2

Fixed Focal Lens Options

MPM2.1



Arecont 2.1mm
1/3"
F1.8
M12-mount
Fixed Iris
IR Corrected

MPM2.8A



Arecont 2.8mm
1/2.5"
F1.8
M12-mount
Fixed Iris
IR Corrected

MPM4.0A



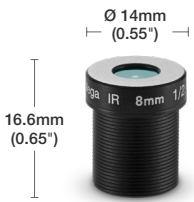
Arecont 4mm
1/2.5"
F1.6
M12-mount
Fixed Iris
IR Corrected

MPM6.0



Arecont 6mm
1/2.5"
F1.6
M12-mount
Fixed Iris
IR Corrected

MPM8.0



Arecont 8mm
1/2.5"
F1.6
M12-mount
Fixed Iris
IR Corrected

MPM12.0A



Arecont 12mm
1/2.5"
F1.6
M12-mount
Fixed Iris
IR Corrected

MPM16.0



Arecont 16mm
1/2.5"
F1.6
M12-mount
Fixed Iris
IR Corrected

See Next Page for Ordering Information



Model Numbers

Fixed Focal	MPM2.1 (2.1mm)	1.2MP	1.3MP	1080p	3MP
	MPM2.8A (2.8mm)	1.2MP	1.3MP	1080p	3MP 5MP
	MPM4.0A (4.0mm)	1.2MP	1.3MP	1080p	3MP 5MP
	MPM6.0 (6.0mm)	1.2MP	1.3MP	1080p	3MP 5MP
	MPM8.0 (8.0mm)	1.2MP	1.3MP	1080p	3MP 5MP
	MPM12.0A (12.0mm)	1.2MP	1.3MP	1080p	3MP 5MP
	MPM16.0 (16.0mm)	1.2MP	1.3MP	1080p	3MP 5MP

Compatible Cameras



MicroDome®
MicroDome® G2

- AV1455DN-F
- AV1455DN-F-NL
- AV1455DN-S
- AV1455DN-S-NL
- AV2455DN-F
- AV2455DN-F-NL
- AV2455DN-S
- AV2455DN-S-NL
- AV2456DN-F
- AV2456DN-F-NL
- AV2456DN-S
- AV2456DN-S-NL
- AV3455DN-F
- AV3455DN-F-NL
- AV3455DN-S
- AV3455DN-S-NL
- AV3456DN-F
- AV3456DN-F-NL
- AV3456DN-S
- AV3456DN-S-NL
- AV5455DN-F
- AV5455DN-F-NL
- AV5455DN-S
- AV5455DN-S-NL
- AV1555DN-F
- AV1555DN-S-NL
- AV1555DNIR-S
- AV1555DNIR-S-NL
- AV1555DN-F-NL
- AV1555DN-S
- AV2555DN-F
- AV2555DN-F-NL
- AV2555DN-S
- AV2555DN-S-NL
- AV2556DN-F
- AV2556DN-F-NL
- AV2556DN-S
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- AV3555DN-F
- AV3555DN-F-NL
- AV3555DN-S
- AV3555DN-S-NL
- AV3556DN-F
- AV3556DN-F-NL
- AV3556DN-S
- AV3556DN-S-NL
- AV5555DN-F
- AV5555DN-F-NL
- AV5555DN-S
- AV5555DN-S-NL
- AV5556DN-F
- AV5556DN-F-NL
- AV5556DN-S
- AV5556DN-S-NL



MicroDome® Duo

- AV4655DN-08
- AV4655DN-28
- AV4655DN-NL
- AV4656DN-08
- AV4656DN-28
- AV4656DN-NL
- AV6655DN-08
- AV6655DN-28
- AV6655DN-NL
- AV6656DN-08
- AV6656DN-28
- AV6656DN-NL
- AV10655DN-08
- AV10655DN-28
- AV10655DN-NL



MegaVideo® Flex

- AV1195DN
- AV1195DN-NL
- AV2195DN
- AV2195DN-NL
- AV2196DN
- AV2196DN-NL
- AV3195DN
- AV3195DN-NL
- AV3196DN
- AV3196DN-NL
- AV5195DN
- AV5195DN-NL



SurroundVideo® Omni
SurroundVideo® Omni G2

- AV12176DN-08
- AV12176DN-28
- AV12176DN-NL
- AV20175DN-08
- AV20175DN-28
- AV20175DN-NL
- AV12275DN-08
- AV12275DN-28
- AV12276DN-08
- AV12276DN-28
- AV12276DN-NL
- AV20275DN-08
- AV20275DN-28
- AV20275DN-NL