

MPM Megapixel Lenses

Fixed Focal Megapixel Lenses for MicroDome®, MicroDome® G2 and SurroundVideo® Omni 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 16x16.8mm	6.3g
MPM2.8A	2.8mm	1/2.5"	M12	F1.8	Fixed	Yes	ø 18x16mm	5g
MPM4.0A	4.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14x16.4mm	5g
MPM6.0	6.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14x17.7mm	5.6g
MPM8.0	8.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14x16.6mm	4g
MPM12.0A	12.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14x16.5mm	5g
MPM16.0	16.0mm	1/2.5"	M12	F1.6	Fixed	Yes	ø 14x13.4mm	4g

Horizontal FOV Lens Specifications by Sensor

Part Number	Focal Length	1.2MP	1.3MP	1080p		1080p WDR		3MP		3MP WDR*		5MP*	
		MicroDome G2	MicroDome	MD	MD G2	MD	MD G2	MD & SV Omni	MD G2	MD & SV Omni	MD G2	MD & SV Omni	MD G2
MPM2.1	2.1mm	130°	102°	- **	113.1°	113.1°	113.1°	121.4°	121.4°	121.4°	121.4°	-	-
MPM2.8A	2.8mm	95°	71°	106°	83°	83°	83°	90°	89°	88°	89°	114°	113°
MPM4.0A	4.0mm	67°	53°	79°	59°	59°	59°	66°	63°	63°	63°	83°	80°
MPM6.0	6.0mm	46°	35°	52°	40°	42°	40°	46°	43°	45°	43°	58°	56°
MPM8.0	8.0mm	35°	26°	39°	30°	31°	30°	34°	33°	33°	33°	43°	42°
MPM12.0A	12.0mm	23°	17°	26°	20°	19°	20°	23°	22°	20°	22°	29°	28°
MPM16.0	16.0mm	17°	13°	20°	15°	15°	15°	17°	16°	16°	16°	22°	20°

* Per Sensor for SurroundVideo® Omni Cameras

** Due to an optical format mismatch, this lens will result in a black corner and is not recommended for optimal performance.

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