

# MPM Megapixel Lenses

Fixed Focal Megapixel Lenses for MicroDome® Series, Omni LX and Duo LX



## Lens Specifications

Part Number	Focal Length	Resolution	Optical Format	Mount	Aperture	Iris Range	IR Corrected	Dimensions in mm	Weight
MPM2.4d	2.4mm	5MP	1/2.7	M12	F2.1	Fixed	Yes	ø 16*23.75mm	7g
MPM4.0d	4mm	8MP	1/2.5	M12	F1.6	Fixed	Yes	ø 14*16.85mm	3.1g
MPM6.0d	6mm	8MP	1/2.5	M12	F1.6	Fixed	Yes	ø 14*17.12mm	3.1g
MPM8.0d	8mm	5MP	1/2.7	M12	F1.6	Fixed	Yes	ø 14*16.5mm	2.9g
MPM12.0d	12mm	5MP	1/2.7	M12	F1.6	Fixed	Yes	ø 14*16.73mm	4.6g
MPM16.0d	16mm	5MP	1/2.7	M12	F1.6	Fixed	Yes	ø 14*17.12mm	5.1g

## Horizontal FOV Lens Specifications by Sensor

Part Number	Focal Length	2MP	5MP	8MP
		(All Compatible Cameras) (See Below)	(All Compatible Cameras) (See Below)	(All Compatible Cameras) (See Below)
MPM2.4d	2.4mm	134°	126°	135°
MPM4.0d	4mm	83.9°	78.2°	83.9°
MPM6.0d	6mm	51.3°	47.7°	51.3°
MPM8.0d	8mm	41.3°	38.6°	41.3°
MPM12.0d	12mm	26.6°	24.8°	26.6°
MPM16.0d	16mm	19.4°	18.1°	19.4°

## Fixed Focal Lens Options

### MPM2.4d



Arecont 2.4mm
1/2.7"
F2.1
M12-mount
Fixed Iris
IR Corrected

### MPM4.0d



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

### MPM6.0d



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

### MPM8.0d



Arecont 8mm
1/2.7"
F1.6
M12-mount
Fixed Iris
IR Corrected

### MPM12.0d



Arecont 12mm
1/2.7"
F1.6
M12-mount
Fixed Iris
IR Corrected

### MPM16.0d



Arecont 16mm
1/2.7"
F1.6
M12-mount
Fixed Iris
IR Corrected

## Model Numbers

Fixed Focal	MPM2.4d (2.4mm)	1.2MP	2MP	5MP	
	MPM4.0d (4mm)	1.2MP	2MP	5MP	8MP
	MPM6.0d (6mm)	1.2MP	2MP	5MP	8MP
	MPM8.0d (8mm)	1.2MP	2MP	5MP	
	MPM12.0d (12mm)	1.2MP	2MP	5MP	
	MPM16.0d (16mm)	1.2MP	2MP	5MP	



## Compatible Cameras

<b>ConteralP MicroDome Series</b>	AV2856DNIR-F AV2856DNIR-S AV5856DNIR-F AV5856DNIR-S AV8856DNIR-F AV8856DNIR-S
<b>ConteralP MicroDome Duo</b>	AV4956DN-28 AV10956DN-28 AV16956DN-28
<b>ConteralP Omni LX</b>	AV8576DN-28 AV20576DN-28

\*8MP Compatible Cameras can use 5MP lenses with a resolution limit to 5MP with no added limit to HFoV