

# MPL Fixed Focal Lenses

Arecont Vision MegaPixel Fixed-Focal Series Lenses

**MPL1.55** 1.55mm Fixed-Focal Lens  
**MPL3.5** 3.5mm Fixed-Focal Lens  
**MPL4.0** 4mm Fixed-Focal Lens

**MPL6.0** 6mm Fixed-Focal Lens  
**MPL6.2** 6.2mm Fixed-Focal Lens  
**MPL8.0** 8mm Fixed-Focal Lens



MPL **Fixed-Focal** Lenses are used in conjunction with Arecont Vision **1.3MP to 5MP MegaVideo®** cameras to deliver **maximum quality**

## Arecont Vision Advantages:

Comparing traditional security fixed-focal lenses, Arecont Vision MPL Fixed-Focal Series Lenses have below advantages:

- Larger aperture, F1.4 @ MPL6.0, F1.8@MPL3.5, MPL4.0, MPL6.2, MPL8.0; F2.0@MPL1.55
- Higher sharpness
- Lower distortion
- Less Chrome Aberration
- Better relative illumination
- Compact dimension
- CS mount
- Manual Iris: MPL 6.0
- Different optical format Options:  
1/1.8" @ MPL 4.0 and MPL 8.0;  
1/2" @ MPL1.55 and MPL 6.0;  
1/2.5" @ MPL3.5 and MPL6.2

*Specification sheets subject to change without notice*

**Model Numbers:**

**MPL1.55** 1.55mm Fixed-Focal Lens  
**MPL3.5** 3.5mm Fixed-Focal Lens

**MPL4.0** 4mm Fixed-Focal Lens  
**MPL6.0** 6mm Fixed-Focal Lens

**MPL6.2** 6.2mm Fixed-Focal Lens  
**MPL8.0** 8mm Fixed-Focal Lens

**Specification:**

Image Format	Focal Length	Aperture	Mount	Dimension	M.O.D	Iris	Back focal length	IR corrected	
MPL1.55	1/2"	1.55mm	CS	φ30x20.4mm	0.15m	Fixed	6.43mm	Yes	
MPL3.5	1/2.5"	3.5mm	CS	φ30x16.7mm	0.1m	Fixed	6.4mm	Yes	
MPL4.0	1/1.8"	4.0mm	CS	φ30x17.3mm	0.2m	Fixed	8mm	Yes	
MPL6.0	1/2.5"	6.0mm	C	φ32x37.3mm	0.2m	Manual	12.32mm	No	
MPL6.2	1/2"	6.2mm	1.8	CS	φ30x19.9mm	0.1m	Fixed	7.02mm	Yes
MPL8.0	1/1.8"	8.0mm	1.8	CS	φ30x18.7mm	0.2m	Fixed	9.55mm	Yes

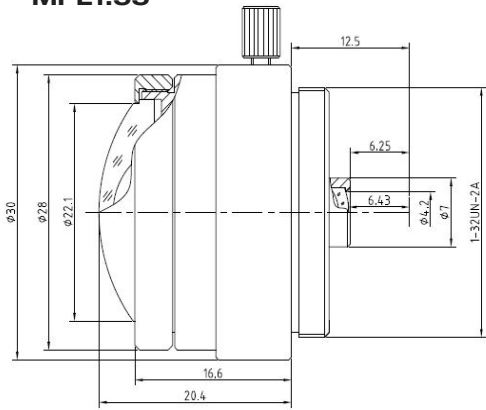
**Horizontal Field of View:**

FOV - Horizontal	AV1300M AV1310 AV1305 AV1355	AV1315 AV1115	AV2100M AV2110 AV2105 AV2155	AV2805 AV2815 AV2115	AV3100M AV3110 AV3105 AV3155	AV3115	AV5100M AV5110 AV5105 AV5155 AV5115	*AV10005 *AV10115
MPL1.55	148°	147°	185°	185°	185°	146°	185°	185°
MPL3.5	82°	65°	**	89°	**	76°	96°	**
MPL4.0	76°	57°	96°	75°	94°	65°	82°	92°
MPL6.0	48°	34°	60°	45°	58°	40°	51°	57°
MPL6.2	42°	28°	**	42°	**	37°	47°	**
MPL8.0	37°	27°	47°	36°	45°	32°	40°	45°

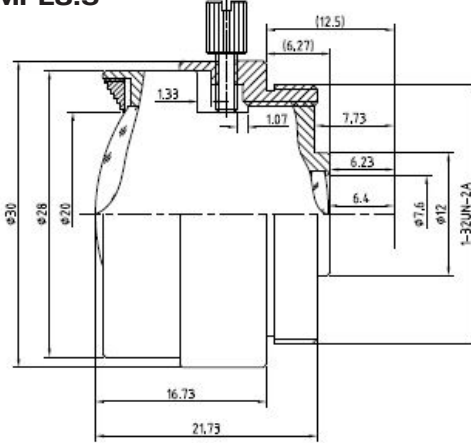
\*Note: Please use Ultra HD lenses for AV10005/AV10115 to get best image quality and resolution

\*\*Note: Vignette

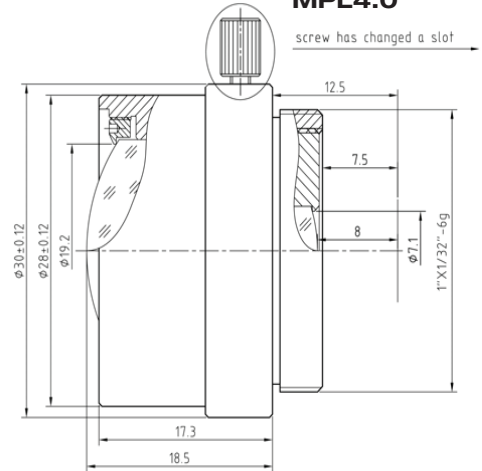
**MPL1.55**



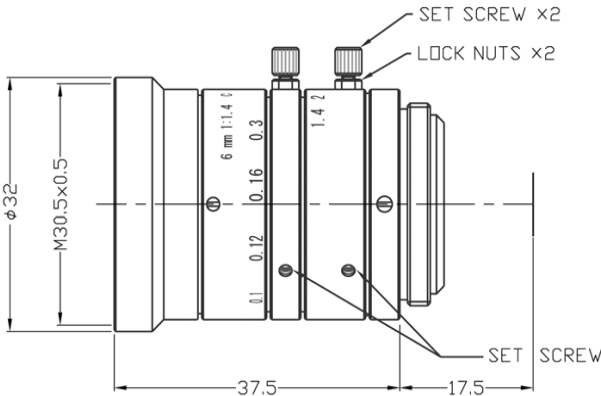
**MPL3.5**



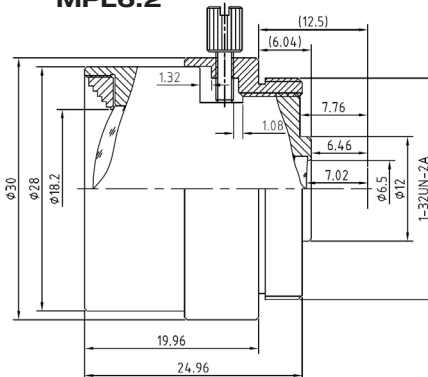
**MPL4.0**



**MPL6.0**



**MPL6.2**



**MPL8.0**

