

# MPL Vari-Focal Lenses

Arecont Vision MegaPixel Vari-Focal Series Lenses

**MPL4-10** 4.5-10mm Vari-Focal Lens  
**MPL8-16** 8-16mm Vari-Focal Lens  
**MPL4-12** 4-12mm Vari-Focal Lens

**MPL33-12** 3.3-12mm Vari-Focal Lens  
**MPL12-40** 12-40mm Vari-Focal Lens



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

## Arecont Vision Advantages:

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

- Larger aperture, F1.4 @ MPL4-12, MPL33-12
- Higher sharpness
- Lower distortion
- Better relative illumination
- Compact dimension
- CS mount
- Large optical format: 1/2"



Specification sheets subject to change without notice

**Model Numbers:**

- MPL4-10** 4.5-10mm Vari-Focal Lens
- MPL8-16** 8-16mm Vari-Focal Lens
- MPL4-12** 4-12mm Vari-Focal Lens
- MPL33-12** 3.3-12mm Vari-Focal Lens
- MPL12-40** 12-40mm Vari-Focal Lens

**Specification:**

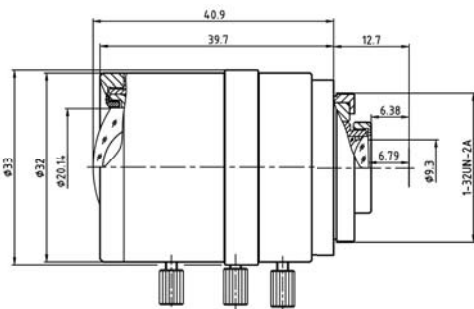
	Image Format	Focal Length	Aperture	Mount	Dimension	M.O.D	Iris	Back focal length	IR corrected
MPL4-10	1/2"	4.5-10mm	1.6	CS	φ33x39.7mm	0.1m	Manual	6.79~11.8mm	Yes
MPL8-16	1/2"	8-16mm	1.6	CS	φ33x47.2mm	0.1m	Manual	7.81~12.1mm	Yes
MPL4-12	1/2"	4-12mm	1.4	CS	φ33x45.8mm	0.1m	Manual	6.97~12.7mm	Yes
MPL33-12	1/2.5"	3.3-12mm	1.4	CS	φ30x33.4mm	0.1m	Manual	6.49~13.94mm	Yes
MPL12-40	1/2"	12-40mm	1.8	CS	φ33x51.5mm	0.5m	Manual	6.64~59.4mm	Yes

Horizontal FOV		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
MPL4-10	Wide @ 4.5mm	68	48	85	73	83	56	71	81
	Tele @ 10mm	31	22	39	34	38	26	33	37
MPL8-16	Wide @ 8mm	37	27	47	41	45	32	40	45
	Tele @ 16mm	19	14	24	21	23	16	21	23
MPL4-12	Wide @ 4mm	72	52	90	78	88	59	75	86
	Tele @ 12mm	28	21	36	32	36	24	31	35
MPL33-12	Wide @ 3.3mm	**	61	**	92	**	75	95	**
	Tele @ 12mm	**	21	**	31	**	25	32	**
MPL12-40	Wide @ 12mm	25	18	31	27	30	20	26	28
	Tele @ 40mm	8	7	10	9	10	7	9	10

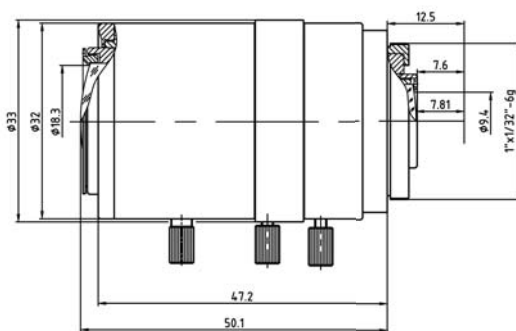
\*Note: Please use Ultra HD lenses for AV10005/AV10115 to get best image quality and resolution

\*\*Note: Vignette

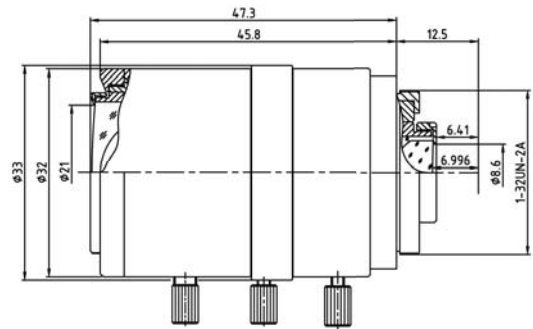
**MPL4-10**



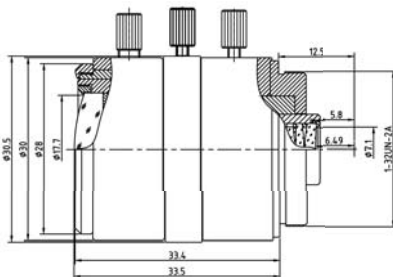
**MPL8-16**



**MPL4-12**



**MPL33-12**



**MPL12-40**

