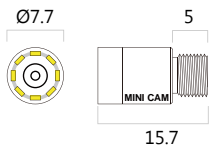
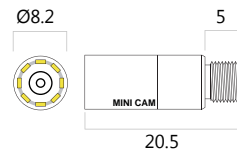
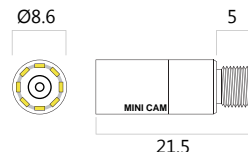
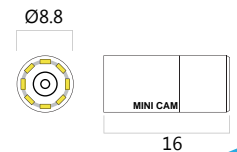
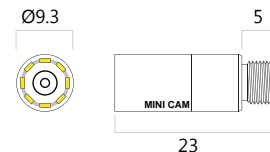


**Specification** Unit : mm (±0.1)

Image					
Model	MO-B3406	MO-B3506	MO-B5506	MO-B5006 <span style="color: blue; font-weight: bold;">UTC function</span>	MO-B5606
Number of effective pixels	648 (H) x 488(V) (NTSC / PAL)			712 x 552 (640x480 output pixel array)	728 (H) x 488(V) (NTSC / PAL)
Image circle	4.12mm	4.5mm	4.86mm	4.48mm	5.87mm
Pixel size	5.0um x 5.0 um	5.55um x 5.55 um	6 um x 6 um	5.6 um x 5.6 um	6.35 um x 7.4 um
Image sensor	1/4.5" Color CCIQ	1/4" Color CCIQ	1/3.7" Color CCIQ	1/4" Color CCIQ	1/3" Color CCIQ
S/N ratio	45.8 [dB]	45.6 [dB]	47 [dB]	44.8 [dB]	46.4 [dB]
Dynamic range	61.5 [dB]	63.5 [dB]	63.3 dB	75 dB	63.7 dB
Sensitivity	10.0 [V/Lux.sec]	3.16 [V/Lux.sec]	8.2[V/Lux.sec]	16[V/Lux.sec]	13.8[V/Lux.sec]
Dimension (mm)	Ø7.4 mm	Ø7.7 mm	Ø8 mm	Ø8.7 mm	Ø8.8 mm
Motion detect function	N/A	N/A	N/A	N/A	N/A
Utc function	N/A	N/A	N/A	YES	N/A
Video system	NTSC / PAL				
Frame rate	60 Field/sec(NTSC) , 50 Field/sec(PAL)				
Horizontal sync frequency	NTSC -15.734kHz , PAL - 15.625kHz				
Vertical sync frequency	NTSC - 60Hz , PAL - 50Hz				
Camera consumption	0.45				
Video output	1Vp-p , 75ohm composite				
Storage temperature	-30 to 60 Degree C				
Working temperature	-10 to 45 Degree C				
Power source	Camera input: DC 3.3~4.2V (suggest DC 3.3V)				
Power current	100mA				

Specification Unit : mm (± 0.1)

Image					
Model	MO-V3406L	MO-V3506L	MO-V5506L	MO-V5006L	MO-V5606L
Number of effective pixels	648 (H) x 488(V) (NTSC / PAL)			712 x 552 (640 x 480 output pixel array)	728 (H) x 488(V) (NTSC / PAL)
Image circle	4.12mm	4.5mm	4.86mm	4.48mm	5.87mm
Pixel size	5.0um x 5.0 um	5.55um x 5.55 um	6 um x 6 um	5.6 um x 5.6 um	6.35 um x 7.4 um
Image sensor	1/4.5" Color CCIQ	1/4" Color CCIQ	1/3.7" Color CCIQ	1/4" Color CCIQ	1/3" Color CCIQ
S/N ratio	45.8 [dB]	45.6 [dB]	47 [dB]	44.8 [dB]	46.4 [dB]
Dynamic range	61.5 [dB]	63.5 [dB]	63.3 dB	75 dB	63.7 dB
Sensitivity	10.0 [V/Lux.sec]	3.16 [V/Lux.sec]	8.2[V/Lux.sec]	16[V/Lux.sec]	13.8[V/Lux.sec]
Dimension (mm)	Ø7.7 x 15.7	Ø8.2 x 20.5	Ø8.6 x 21.5	Ø8.8 x 16	Ø9.3 x 23
Motion detect function	N/A	N/A	N/A	N/A	N/A
UTC function	N/A	N/A	N/A	YES	N/A
Video system	NTSC / PAL				
Frame rate	60 Field/sec(NTSC) , 50 Field/sec(PAL)				
Horizontal sync frequency	NTSC -15.734kHz , PAL - 15.625kHz				
Vertical sync frequency	NTSC - 60Hz , PAL - 50Hz				
Camera consumption	0.45				
Video output	1Vp-p , 75ohm composite				
Storage temperature	-30 to 60 Degree C				
Working temperature	-10 to 45 Degree C				
Power source	Camera input: DC 5~12V				
Power current	100mA				
LED	LED x 8 (white LED; IR 850nm LED; IR940nm LED)				

## Lens Information

Model	Lens	Lens image circle	Thread pitch
LP34737IRT-M5.5	3.47mm/F3.7	6.0mm	M5.5 x P 0.35
• LP3460IR-M6	3.4mm/F6.0	4.8mm	M6 x P0.35
LP3470IR-M5.5	3.4mm/F7.0	6.0mm	M5.5 x P0.35
LP3428IR-M6	3.4mm/F2.8	4.8mm	M6 x P0.35
LP28339IRF-M7	2.8mm/F3.9	6.0mm	M7/TOP5 x P0.5
L21526IR-M5.5	2.1mm/F2.5	4.5mm	M5.5 x P0.35
3M45028IRF-M7	4.5mm/F2.8	6.4mm	M7 x P0.35
LP28339IRV-M7	2.8mm/F3.9	4.86mm	M7 x P0.5
LP8324IR-M7	8.3mm/F2.4	4.5mm	M7 x P0.5
L23026IR-M7-53	2.3mm/F2.6	5.16mm	M7 x P0.5
L23026IR-M5.5-53	2.3mm/F2.6	5.16mm	M5.5 x P0.5
• L23070IR-M5.5-53	2.3mm/F7.0	5.16mm	M5.5 x P0.5
• L23010IR-M5.5-53	2.3mm/F10	5.16mm	M5.5 x P0.5

• Suggest to with LED light

Model	Object distance	Focal length	F stop	Image circle	DOF
L23026IR-M5.5-53	>10cm	2.3mm	2.6	5.16	Short
• L23070IR-M5.5-53	5~10cm	2.3mm	7.0	5.16	Medium
• L23010IR-M5.5-53	<5cm	2.3mm	10	5.16	Long
LP34737IRT-M5.5	>10cm	3.4mm	3.7	6.0	Short
LP3470IR-M5.5	5~10cm	3.4mm	7.0	6.0	Medium

• Suggest to with LED light

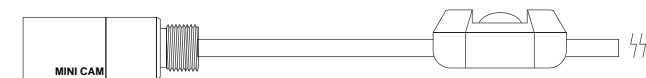
## Connector Information

MO-	JO-	MJ-	MQ-	
				<p>G : GND            A : AUDIO            P : DC POWER            V : VIDEO</p>

## LED Information

Model	LED	Type
MO-V3406L	white LED x 8	color
MO-V34M6L9	IR 940nm LED x 8	B/W
MO-V34M6L8	IR 850nm LED x 8	B/W
MO-V3506L	white LED x 8	color
MO-V92706L	IR 940nm LED x 8	B/W
MO-V82706L	IR 850nm LED x 8	B/W
MO-V5506L	white LED x 8	color
MO-V95706L	IR 940nm LED x 8	B/W
MO-V85706L	IR 850nm LED x 8	B/W
MO-V5006L	white LED x 8	color
MO-V97006L	IR 940nm LED x 8	B/W
MO-V87006L	IR 850nm LED x 8	B/W
MO-V5606L	white LED x 8	color
MO-V95906L	IR 940nm LED x 8	B/W
MO-V85906L	IR 850nm LED x 8	B/W

With Dimmer switch to adjust light source



## Other Information

1/3" Color CCIQ III 960H Camera  
 710 TV Line over (NTSC),  
 740 TV Line over (PAL)  
 Sensitivity: 11.4 [V/Lux.sec]



▲ MO-B8622 ▲ MO-B8619 ▲ MO-B8626