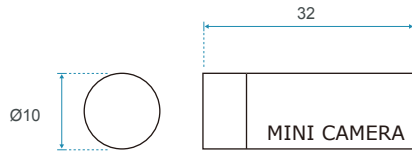


Body Type



unit : mm (±1)

Feature

- High Sensitivity!
- High Performance.
- Memory size up to 16 K
- 550 TV lines
- Compact size

Specification

Model	MO-R5910C
Video system	EIA / CCIR
Number of effective pixels	728(H) x 488(V) (EIA / CCIR)
Image sensor	1/3" CCIQ III B/W Camera
Resolution(TV Lines)	550 TV Lines
S/N Ratio	46.4 dB
Max Dynamic Range	63.7 [dB]
Sensor scan mode	progressive scan
Minimum illumination	0.05Lux /F 1.2 20IRE
Frame Rate	60 field/sec(EIA), 50 field/sec(CCIR) CVBS
Sensitivity	13.8 [V/Lux.sec]
Horizontal sync frequency	EIA -15.734kHz, CCIR - 15.625kHz
Vertical sync frequency	EIA - 60Hz, CCIR - 50Hz
Camera consumption	0.45
Video output	1Vp-p, 75ohm composite
Built-in Lens	3.6mm/ F2.0
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Power source	Camera input: DC 5~12V
Power current	80 mA(max)-DC12V
Dimension (mm)	Ø 10 x 32 mm



MO-R5910C

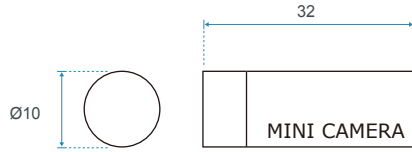
Ordering information

Model	sensor	with MIC.	Lens
MO-R5610C	1/3" color camera	N/A	with AR Lens
MO-R5610YC			with YR Lens
MO-R5610			with IR Lens
MO-R5910C	1/3" B/W camera		with AR Lens

MO-R5910CA A: with microphone

AR lens: Color is 80% accurate. High sensitivity. Concealed lid.
 YR lens: Color is more accurate. Normal sensitivity. Concealed lid. (non-detectable)
 IR lens: Transparent lid.

Body Type



unit : mm (±1)

Feature

- High Sensitivity!
- High Performance.
- Memory size up to 16 K
- 480 TV lines
- Compact size

Specification

Model	MO-R5610C
Video system	NTSC / PAL
Number of effective pixels	728(H) x 488(V) (NTSC & PAL)
Image sensor	1/3" CCIQ III Color Camera
Resolution(TV Lines)	480 TV Lines
S/N Ratio	46.4 dB
Max Dynamic Range	63.7 [dB]
Sensor scan mode	progressive scan
Minimum illumination	0.05Lux /F 1.2 20IRE
Frame Rate	60 field/sec(NTSC), 50 field/sec(PAL) CVBS
Sensitivity	13.8 [V/Lux.sec]
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
Built-in Lens	3.6mm/ F2.0
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Power source	Camera input: DC 5~12V
Power current	80 mA(max)-DC12V
Dimension (mm)	Ø 10 x 32 mm



MO-R5610C

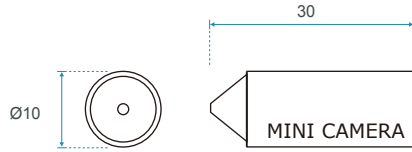
Ordering information

Model	sensor	with MIC.	Lens
MO-R5610C	1/3" color camera	N/A	with AR Lens
MO-R5610YC			with YR Lens
MO-R5610			with IR Lens
MO-R5910C	1/3" B/W camera		with AR Lens

MO-R5610CA A: with microphone

AR lens: Color is 80% accurate. High sensitivity. Concealed lid.
YR lens: Color is more accurate. Normal sensitivity. Concealed lid.
IR lens: Transparent lid

Body Type



unit : mm (±1)

Feature

- High Sensitivity!
- High Performance.
- 480 TV lines, 550 TV lines
- Compact size

Specification

Model	MO-R5510	MO-R5710	MO-R5610	MO-R5910
Video system	NTSC / PAL	EIA / CCIR	NTSC / PAL	EIA / CCIR
Number of effective pixels	648(H) x 488(V) (NTSC & PAL)	648(H) x 488(V) (EIA & CCIR)	728(H) x 488(V) (NTSC & PAL)	728(H) x 488(V) (EIA & CCIR)
Image sensor	1/3.7"color	1/3.7" B/W	1/3" color	1/3" B/W
Resolution(TV Lines)	480 TV Lines	550 TV Lines	480 TV Lines	550 TV Lines
S/N Ratio	47 dB		46.4 dB	
Max Dynamic Range	63.3 [dB]		63.7 [dB]	
Sensor scan mode	progressive scan			
Minimum illumination	0.05 Lux/ F1.2		0.02 Lux/ F1.2	0.006 Lux/ F1.2
Frame Rate	60 field/sec(NTSC-EIA), 50 field/sec(PAL-CCIR) CVBS			
Sensitivity	8.2 [V/Lux.sec]			
Horizontal sync frequency	NTSC/EIA -15.734kHz , PAL/CCIR - 15.625kHz			
Vertical sync frequency	NTSC/EIA - 60Hz , PAL/CCIR - 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	80 mA(max)-DC12V			
Dimension (mm)	Ø 10 x 30mm			



MO-R5510-3V
MO-R5610-3V

Ordering information

Model	sensor	with MIC.	Lens
MO-R5510-3V	1/3.7" Hybrid sensitivity color camera	N/A	3.7mm/F2.5
MO-R5710-3V	1/3.7" Hybrid sensitivity B/W camera		
MO-R5610-4V	1/3" Hybrid sensitivity color camera		4.3mm/F2.0
MO-R5910-4V	1/3" Hybrid sensitivity B/W camera		

MO-R5510A A: with microphone

Lens optional:

MO-R5510-XX 3A Lens: 3.3mm/F2.4