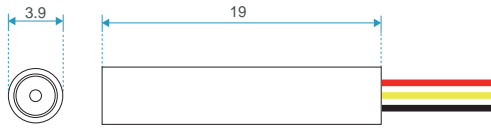
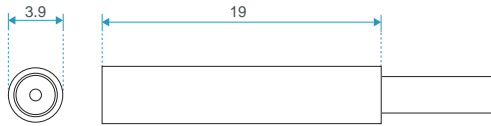


MO-T833W



MO-T833C



unit : mm (±0.5)

**Feature**

- Ø 3.9 mm Only
- Compact size.
- Backlight compensation.
- High Quality Picture.
- High Performance.
- Outstanding Quality!
- Competitive Price!

**Specification**

Model	MO-T833W-55	MO-T833W-90	MO-T833C-55	MO-T833C-90
Video system	NTSC			
Number of effective pixels	320 x 240			
Image sensor	1/18" Color CMOS Camera			
Resolution(TV Lines)	240 TV Lines			
S/N Ratio	more than 48dB			
Minimum illumination	2 LUX / F1.2			
Electronic shutter	1/60 ~ 1/57,000			
Horizontal sync frequency	NTSC -15.734kHz			
Vertical sync frequency	NTSC - 60Hz			
Camera consumption	0.45			
Video output	1Vp-p , 75ohm composite			
Built - in Lens	0.96 mm / F3.0	0.68 mm / F3.0	0.96 mm / F3.0	0.68 mm / F3.0
Storage temperature	-30 to 60 Degree C			
Working temperature	-10 to 45 Degree C			
Power source	DC 3.3 V(Standard)			
Power current	35 mA			
Dimension (mm)	Ø 3.9 (mm)			



**Ø 3.9mm Only**

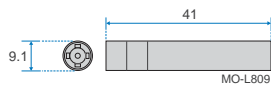
MO-T833W

**Ordering information**

MODEL	IMAGE SENSOR	DIMENSION (mm)	NOTE :
MO-T833W-55	1/18" Color CMOS Camera	Ø 3.9 (mm)	MO-T833 <u>W</u> <b>W</b> : 3 WIRE MO-T833 <u>C</u> <b>C</b> : CABLE(OD 2.3mm, cable out : 75cm)
MO-T833C-55	1/18" Color CMOS Camera	Ø 3.9 (mm)	

**Other information**

With LED Light  
MO-L809

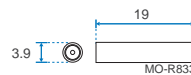


UNIT:mm



MO-L809  
 1/4" Color CMOS Camera  
 Pixels : 307200 Pixel  
 Lens : 4.0 mm / F2.0  
 Dimension : diameter- 9.1mm

The Smallest Camera Of The World  
MO-R833



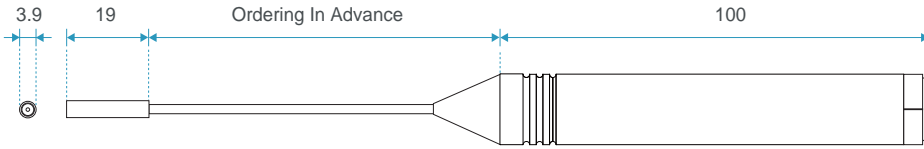
UNIT:mm



MO-R833  
 1/18" (NTSC) Color CMOS Camera  
 Pixels : 76800 Pixel  
 Lens : 0.96 mm / F2.8  
 Dimension : diameter- 3.9mm

**Feature**

- Ø 3.9 mm Only
- Compact size.
- Backlight compensation.
- High Quality Picture.
- High Performance.
- Outstanding Quality!
- Competitive Price!



unit : mm (±0.5)

**Specification**

Model	MO-R833-55	MO-R833-90
Video system	NTSC	
Number of effective pixels	320 x 240	
Image sensor	1/18" Color CMOS Camera	
Resolution(TV Lines)	240 TV Lines	
S/N Ratio	more than 48dB	
Minimum illumination	2 LUX / F1.2	
Electronic shutter	1/60 ~ 1/57,000	
Horizontal sync frequency	NTSC -15.734kHz	
Vertical sync frequency	NTSC - 60Hz	
Camera consumption	0.45	
Video output	1Vp-p , 75ohm composite	
Built - in Lens	0.96 mm / F3.0	0.68 mm / F3.0
Storage temperature	-30 to 60 Degree C	
Working temperature	-10 to 45 Degree C	
Power source	DC 3.3 V(Standard)	
Power current	35 mA	
Dimension (mm)	Ø 3.9 (mm)	



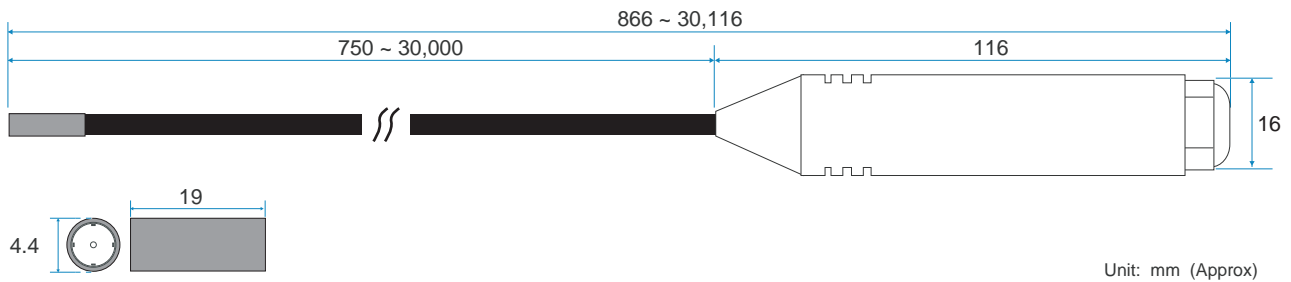
MO-R833

**Other information**

the smallest camera of the world ▶ MO-L805 , MO-R803

**MO-R803**  
 1/18" (NTSC) Color CMOS Camera  
 Pixels : 76800 Pixel  
 Lens : 0.96 mm / F2.8  
 Dimension : diameter- 4.4mm

**MO-L805**  
 1/18" (NTSC) Color CMOS Camera  
 Pixels : 76800 Pixel  
 Lens : 0.96 mm / F2.8  
 Dimension : diameter- 5mm



### Specification

Model	MO-R803-55	MO-R803-90
Video system	1/18" Color Cmos Camera	
Number of effective pixels	NTSC	
Image sensor	320x 240	
Resolution(TV Lines)	240 TV Lines	
S/N Ratio	more than 48dB	
Minimum illumination	2 LUX / F1.2	
Shutter Speed	1/50-1/157000 Sec.	
Horizontal sync frequency	NTSC - 15.734kHz	
Vertical sync frequency	NTSC - 60Hz	
Camera consumption	0.45	
Video output	1Vp-p , 75ohm composite	
	0.96mm/F2.8	0.68mm/F2.8
Lens angle	55 degree	90 degree
Storage temperature	-30 to 60 Degree C	
Working temperature	-10 to 45 Degree C	
Power source	DC 3.3 V(Standard)	
Power current	35 mA	

### Feature

1/18" CMOS CAMERA

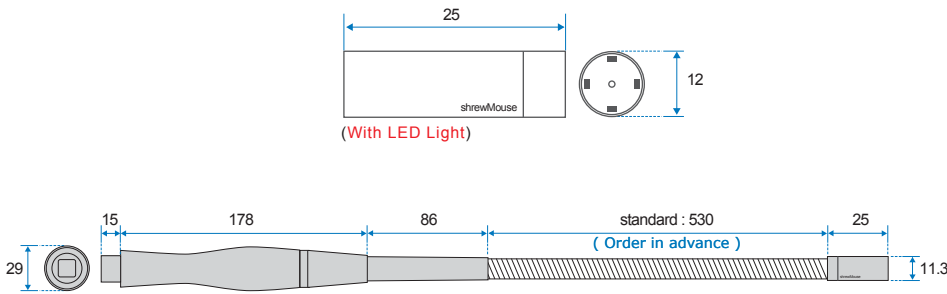
The smallest camera of the world

### Other types

MO-L806	MO-L575	MO-S575	MO-L1675 , MO-S1675
<p>28 9.2 shrewMouse NTSC / PAL (With LED Light)</p>	<p>25 12 shrewMouse (With LED Light)</p>	<p>23 12</p>	<p>41.2 15 (With LED Light - MO-L1675)</p>

**Feature**

- CCIQ II** ▶ Challenge CCD Image Quality
- Hi Resolution up to 400 TV Lines.
- Compact size.
- Backlight compensation.
- High Quality Picture.
- High Performance.
- Outstanding Quality!
- Competitive Price!



Unit : mm (± 0.5)

**Specification**

Model	MO-L3575
Video system	NTSC / PAL
Number of effective pixels	648 x 488
Image sensor	1/4" CCIQ II Color Camera
Resolution(TV Lines)	400 TV Lines
S/N Ratio	more than 50dB
Minimum illumination	0.1 LUX / F1.2
Electronic shutter	60 fps.
Horizontal sync frequency	NTSC(EIA) -15.734kHz , PAL(CCIQ) - 15.625kHz
Vertical sync frequency	NTSC(EIA) - 60Hz , PAL(CCIQ) - 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
Built-in Lens	4.3 mm/F2.0
Power source	DC 6~12 V
Power current	100 mA
Dimension (mm)	camera head : 25 x 11.3 (mm) , handle : 178 x 29 (mm)



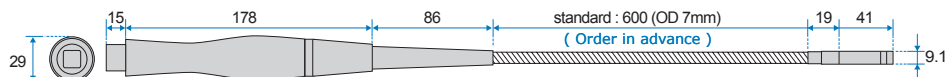
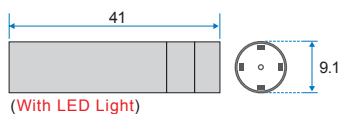
▲ MO-L3575

**Other information**

the smallest camera of the world▶ MO-R803 , MO-L805

**MO-R803**  
1/18" (NTSC) Color CMOS Camera  
Pixels : 76800 Pixel  
Lens : 0.96 mm / F2.8  
Dimension : diameter- 4.4mm

**MO-L805**  
1/18" (NTSC) Color CMOS Camera  
Pixels : 76800 Pixel  
Lens : 0.96 mm / F2.8  
Dimension : diameter- 5mm



Unit : mm (± 0.5)

### Feature

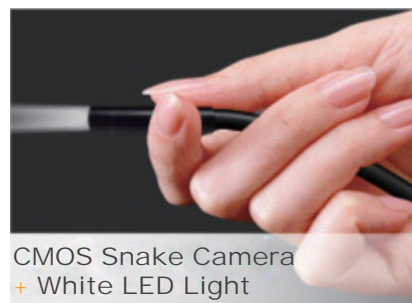
- Memory hose!
- Hi Resolution up to 380 TV Lines.
- Backlight compensation.
- High Quality Picture.
- High Performance.
- Flexible Snake Camera
- With LED Light

### Specification

Model	MO-L809
Video system	NTSC / PAL
Number of effective pixels	648 x 480
Image sensor	1/4" CCIQ Color Camera
Resolution(TV Lines)	380 TV Lines
S/N Ratio	more than 50dB
Minimum illumination	0.3 LUX / F1.2
Electronic shutter	60 fps.
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
Built-in Lens	3.1 mm / F3.4 (Default focus = 5cm)
Power source	DC 5~12 V
Power current	120 mA
Dimension (mm)	Ø 9.1 (mm)



▲ MO-L809



CMOS Snake Camera  
+ White LED Light

### Ordering Information

MODEL	LENS	LED LIGHT ILLUMINATION	NOTE
MO-T809BC-3T	3.1mm / F3.4	X	Cable Out
MO-T809BC-4T	3.9mm / F3.9	X	Cable Out
MO-T809BC-8F	8.3mm / F2.4	X	Cable Out
MO-T809LBC-3T	3.1mm / F3.4	5400 LUX	Cable Out
MO-T809LBC-4T	3.9mm / F3.9	5400 LUX	Cable Out
MO-T809LBC-8F	8.3mm / F2.4	5400 LUX	Cable Out
MO-L809-3T	3.1mm / F3.4	5400 LUX	Snake TUBE Camera
MO-L809-4T	3.9mm / F3.9	5400 LUX	Snake TUBE Camera
MO-L809-8F	8.3mm / F2.4	5400 LUX	Snake TUBE Camera
KO-R8083TW-A2	3.9mm / F3.9	X	Wireless Snake Combo Camera (2.4GHz)
KO-L8083TW-A2	3.9mm / F3.9	5400 LUX	Wireless Snake Combo Camera (2.4GHz)

## Specification

CMOS SNAKE CAMERA					
Model	MO-L806	MO-L575	MO-S575	MO-L1675	MO-S1675
Video system	NTSC / PAL		NTSC Only	NTSC / PAL	
Number of effective pixels	NTSC(EIA)	306 x 240		510 x 492	
	PAL(CCIR)	366 x 288		628 x 582	
Image sensor	1/5"PAL / 1/6"NTSC		1/4" Color	1/3" Color	
Resolution(TV Lines)	240		380		
S/N Ratio	more than 48dB				
AGC control	more than +27dB				
Minimum illumination	2 LUX	1.5 LUX		1 LUX	
Electronic shutter	1/50 - 1/57,000		1/50 - 1/63,000		1/50 - 1/125,000
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				
Audio output	Frequency 20-16,000Hz , S/N ratio more than 58 SPL(at 1000Hz)(Ordering in advance)				
Built-in lens	2.8 mm / F2.0		4.0 mm / F2.0		
Lens angle	2.8 mm / 60 Degree		4.0 mm / 64 Degree		4.0 mm / 80 Degree
Power source	DC 9 -12V(Standard)				
Power current	35 mA			100 mA	
Dimension (mm)	9.2 x 14 (mm)	12 x 25 (mm)	12 x 23 (mm)	15 x 41.5 (mm)	

## Snake Cmos Camera

MO-L806	MO-L575	MO-S575	MO-L1675 , MO-S1675
<p>(With LED Light)</p>	<p>(With LED Light)</p>		<p>(With LED Light - MO-L1675)</p>

75 ~ 3000 cm (order in advance)



## Feature

Snake camera with LED light
75cm flexible cable (flexible iron pipe protect)
Waterproof (IP-67)