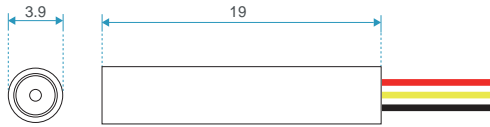


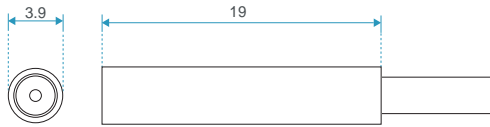
Feature

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

MO-T833W



MO-T833C



unit : mm (±0.5)

Specification

Model	MO-T833W-55	MO-T833W-105	MO-T833C-55	MO-T833C-105
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	0.77 mm / F3.0	0.96 mm / F3.0	0.77 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

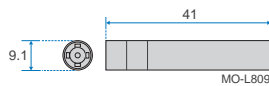
MO-T833W

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> W : 3 WIRE
MO-T833C-55	1/18" Color CMOS Camera	Ø 3.9 (mm)	MO-T833 <u>C</u> C : CABLE(OD 2.3mm)

Other information

With LED Light
MO-L809

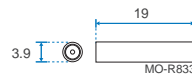


UNIT:mm



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



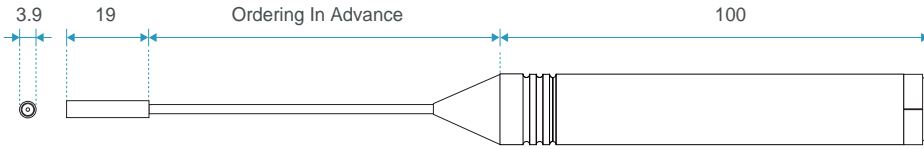
UNIT:mm



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-R833-105
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	0.77 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

CMOS Camera

ULTRA MINI CMOS CAMERA

Model	MO-R803-55	MO-R803-105
Video system	NTSC Only	
Number of effective pixels	320 x 240	
Image sensor	1/18" (NTSC) Color	
Resolution(TV Lines)	240 TV Lines	
S/N Ratio	more than 48dB	
Minimum illumination	2 LUX	
Electronic shutter	1/50 - 1/57,000	
Horizontal sync frequency	NTSC-15.734kHz	
Vertical sync frequency	NTCS-60Hz	
Camera consumption	0.45	
Video output	1Vp-p , 75ohm composite	
Built-in lens	0.96 mm /F 2.8	0.77 mm /F 3.0
Lens angle	55°(NTSC)	105°(NTSC)
Storage temperature	-30 to 60 Degree C	
Working temperature	-10 to 45 Degree C	
Power source	DC 9-12V(Standard)	
Power current	35mA	
Dimension (mm)	Ø 4.4 (mm)	



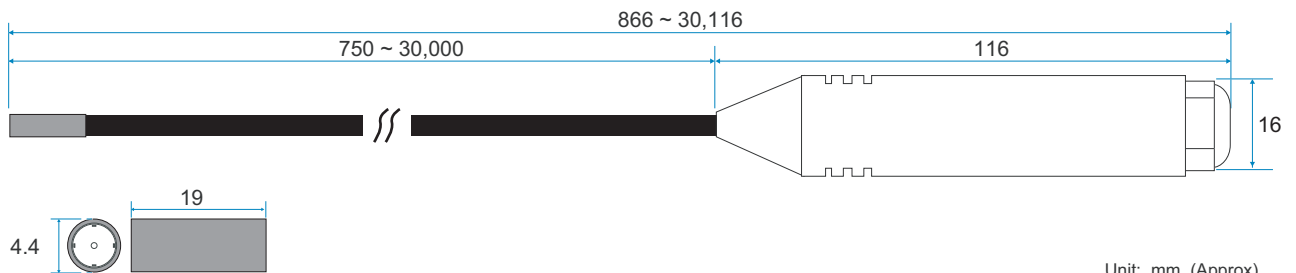
MO-R803

Feature

1/18" CMOS CAMERA

The smallest camera of the world

Dimensions



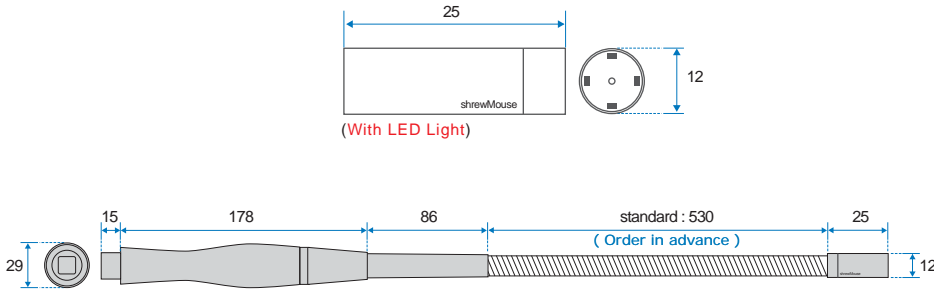
Unit: mm (Approx)

Other types

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>

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 12 (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

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)