

**Feature**

- UTC Function
- High Performance.
- Outstanding Quality!

**Specification**

Unit : mm (±0.5)

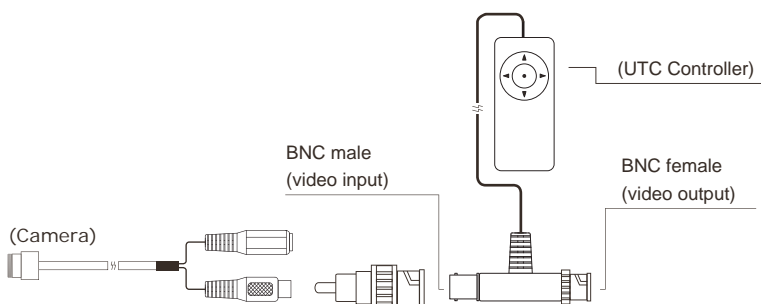
Model	MO-R5012L9-4F
Pixel size	5.6 um x 5.6 um
Effective Image Area	3.99 mm x 3.09 mm
Video system	PAL
Number of effective pixels	712 x 552 (PAL)
Image sensor	1/4" CMOS Color Camera
S/N Ratio	44.8 dB
Dynamic range	75 dB
Sensor scan mode	Interlace
Image Transfer Rate	50 field/sec (PAL)
Sensitivity	16 [V/Lux.sec]
Horizontal sync frequency	PAL - 15.625kHz
Vertical sync frequency	PAL - 50Hz
Camera consumption	0.45
Video output	1Vp-p, 75ohm composite
Lens	4.0mm/F2.0 (with YR filter)
Focus distance(mm)	infinity
LED	IR 940nm light power LED x 5
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Power source	DC 5~12V
Power current	470 mA(DC 5V); 210 mA(DC 12V)
Dimension (mm)	Ø12 x 30 (mm)



**Ordering Information**

Lens Code	Lens information	Lens Filter
4F	4.3mm/F2.0	IR filter
4FY	4.3mm/F2.0	YR filter

Model information	Type
MO-R5012	1/4" CMOS Color
MO-R7012	1/4" CMOS B/W



Model: UTC-100 - sold separate

User can adjust camera's Shutter, AGC, Sensitivity, Exposure, BLC, White Balance, Brightness, Contrast, Color Gain, Sharpness, Noise Reduce, OSD color, Mirror, Language via UTC controller.

Camera with UTC remote function  
(UTC-100 Sold separately)

The main function(exposure, WB, Day & Night, image & setup, function setup, reset ) to the five buttons (enter, up, down, left, right) toggles

Using menu

Using buttons (enter, up, down, left, right) to choose items and set it.

● **Exposure**

- LENS TYPE —
- SHUTTER —
- FLICKER —
- AGC —
- BRIGHTNESS — ◀◀ - + ▶▶
- RETURN



▲ UTC-100

● **White Balance (WB)**

- MODE —
- R GAIN — ◀◀ - + ▶▶
- B GAIN — ◀◀ - + ▶▶

● **Day & Night**

- MODE —
- BURST —
- D > N LEVEL —
- D > N LEVEL —

- D=>N LEVEL determines the time at which the change occurs (lower the faster)  
- N=>D LEVEL determines the time at which the change occurs (higher the faster)

● **IMAGE & SETUP**

- BRIGHTNESS — ◀◀ - + ▶▶
- CONTRAST — ◀◀ - + ▶▶
- COLOR GAIN — ◀◀ - + ▶▶
- SHARPNESS — ◀◀ - + ▶▶
- NR —
- MIRROR —
- LANGUAGE —
- RETURN

● **FUNCTION SETUP**

- MOTION —
- ALARM —
- PRIVACY —
- SYSTEM SETUP
- RETURN

● **RESET**

(reset current setting back to default setting)

● **SAVE & EXIT**

(exit after saving current setting)

