

**Feature**

- Compact size.
- UTC Function
- High Performance.
- Outstanding Quality!
- Visible LED chip and welding

**Specification**

Unit : mm (± 0.5)

Model	MO-S5088WR
Pixel size	5.6 um x 5.6 um
Effective Image Area	3.99 mm x 3.09 mm
Video system	NTSC / PAL
Number of effective pixels	712 x 552 (640x480 output pixel array)(NTSC & 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	60 field/sec CVBS(NTSC), 50 field/sec (PAL)
Sensitivity	16 [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
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Power source	DC 5~12V
Power current	100 mA(max)
Dimension (mm)	8.6 x 8.6 (mm)



MO-S5088WR-2ES



Normally camera

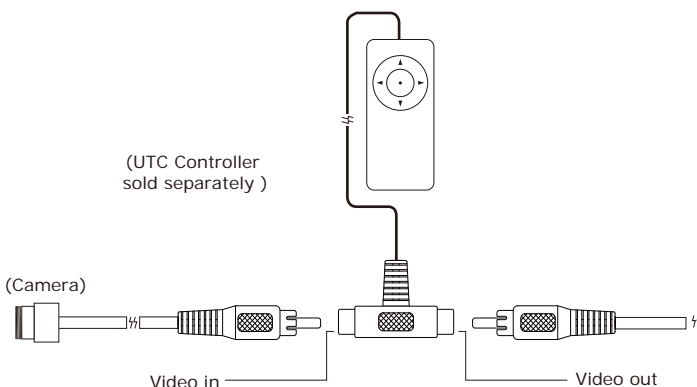


Visible LED chip camera

**Ordering Information**

Lens information	LENS THREAD
2.3mm/F10	M5.5 mm, P0.35mm
2.3mm/F7.0	

Model information	Type
MO-S5088WR	1/3.56" CMOS Color
MO-S7088WR	1/3.56" CMOS B/W



User can adjust camera's Shtter, 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	—	<input type="button" value="FIX"/>	<input type="button" value="IRIS"/>								
SHUTTER	—	<input type="button" value="AUTO"/>	<input type="button" value="1/100"/>	<input type="button" value="1/120"/>	<input type="button" value="1/250"/>	<input type="button" value="1/500"/>	<input type="button" value="1/1000"/>	<input type="button" value="1/2000"/>	<input type="button" value="1/4000"/>	<input type="button" value="1/10000"/>	<input type="button" value="1/100000"/>
FLICKER	—	<input type="button" value="AUTO"/>	<input type="button" value="60HZ"/>	<input type="button" value="50HZ"/>							
AGC	—	<input type="button" value="HIGH"/>	<input type="button" value="MIDDLE"/>	<input type="button" value="LOW"/>	<input type="button" value="OFF"/>						
BRIGHTNESS	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>								
RETURN											

#### ● White Balance (WB)

MODE	—	<input type="button" value="INDOOR"/>	<input type="button" value="OUTDOOR"/>	<input type="button" value="USER"/>	<input type="button" value="AUTO"/>
R GAIN	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
B GAIN	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		

#### ● Day & Night

MODE	—	<input type="button" value="COLOR"/>	<input type="button" value="B/W"/>	<input type="button" value="AUTO"/>	<input type="button" value="SMART"/>
BURST	—	<input type="button" value="OFF"/>	<input type="button" value="ON"/>		
D > N LEVEL	—	<input type="button" value="■"/>	<input type="button" value="■"/>	<input type="button" value="■"/>	<input type="button" value="■"/>
D > N LEVEL	—	<input type="button" value="■"/>	<input type="button" value="■"/>	<input type="button" value="■"/>	<input type="button" value="■"/>

- 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	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
CONTRAST	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
COLOR GAIN	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
SHARPNESS	—	<input type="button" value="◀-"/>	<input type="button" value="+▶"/>		
NR	—	<input type="button" value="HIGH"/>	<input type="button" value="MIDDLE"/>	<input type="button" value="LOW"/>	<input type="button" value="OFF"/>
MIRROR	—	<input type="button" value="NOE"/>	<input type="button" value="H"/>	<input type="button" value="V"/>	<input type="button" value="HV"/>
LANGUAGE	—	<input type="button" value="ENGLISH"/>			
RETURN					

#### ● FUNCTION SETUP

MOTION	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALARM	—	<input type="button" value="OFF"/>	<input type="button" value="ON"/>				
PRIVACY	—	<input type="button" value="OFF"/>	<input type="button" value="ON"/>				
SYSTEM SETUP							
RETURN							

#### ● RESET

(reset current setting back to default setting)

#### ● SAVE & EXIT

(exit after saving current setting)



▲ UTC-100

