

Feature

- High Sensitivity!
- High Performance.
- 1/3" CCIQ III Color
- 976 x 496 Pixel
- Compact size
- with UTC function

Specification

unit : mm (±0.2)

Model	MO-T8516L
Video system	NTSC / PAL
Number of effective pixels	976 (H) x 496(V) (NTSC & PAL)
Effective Image Area	4.88 mm x 3.67 mm (Diagonal :5.97mm)
Pixel Size	5.00 um x 7.40 um
Image sensor	1/3" Color CCIQ III 960H Camera
Resolution(TV Lines)	710TV Line over (NTSC) , 740TV Line over (PAL)
S/N Ratio	46.4 dB
Dynamic range	63.5 [dB]
Sensor scan mode	Interlaced 60 fields
Minimum illumination	0.05Lux at F1.2 20IRE
Shutter Speed	1/60~1/200,000 (NTSC) , 1/50~1/170,000 (PAL)
Sensitivity	11.4 [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	Camera input: DC 5~12V
Power current	80 mA(max)-DC 12V
Dimension (mm)	11 x 11 mm +0.2mm
UTC control function	with UTC control function

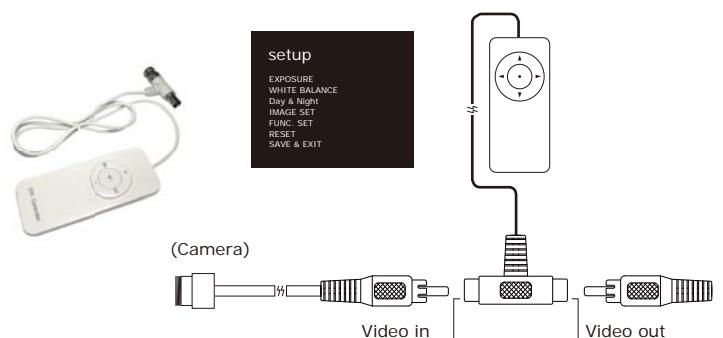


Other information

Model	LED	Image sensor
MO-T8516L	white LED (high power)	color
MO-T8516L9	IR 940nm LED (high power)	color
MO-T8516L8	IR 850nm LED (high power)	color
MO-T8716L	white LED (high power)	B/W
MO-T8716L9	IR 940nm LED (high power)	B/W
MO-T8716L8	IR 850nm LED (high power)	B/W

Lens Model	Lens specification
LP3470IR-M5.5	3.4mm/F7.0
LP50035IR-M5.5	5.0mm/F3.5
LP3470AR-M5.5	3.4mm/F7.0 (for B/W)
LP50035AR-M5.5	5.0mm/F3.5 (for B/W)

UTC remote function
Model: UTC-100 (sold separately)



Camera with UTC remote function
(UTC-100 Sold separately ▶ MO-S8510 SERIES)

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	FIX	IRIS			
SHUTTER	AUTO	1/100	1/120	1/250	1/500
	1/1000	1/2000	1/4000	1/10000	1/100000
FLICKER	AUTO	60HZ	50HZ		
AGC	HIGH	MIDDLE	LOW	OFF	
BRIGHTNESS	◀ -	+ ▶			
RETURN					



▲ UTC-100

● **White Balance (WB)**

MODE	INDOOR	OUTDOOR	USER	AUTO
R GAIN	◀ -	+ ▶		
B GAIN	◀ -	+ ▶		

● **Day & Night**

MODE	COLOR	B/W	AUTO	SMART
BURST	OFF	ON		
D ⇒ N LEVEL	▬▬▬▬			
N ⇒ D 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	HIGH	MIDDLE	LOW	OFF
MIRROR	NOE	H	V	HV
LANGUAGE	ENGLISH			
RETURN				

● **FUNCTION SETUP**

MOTION	□	□	□	□	■
ALARM	OFF	ON			
PRIVACY	OFF	ON			
SYSTEM SETUP					
RETURN					

● **RESET**

(reset current setting back to default setting)

● **SAVE & EXIT**

(exit after saving current setting)

