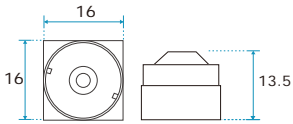
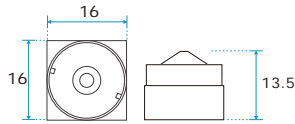


Body Type

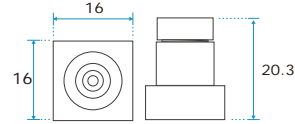
4V Lens



4CS Lens



G-TYPE Lens



Feature

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

Specification

unit : mm (±0.2)

Model	MO-S8616
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: 6.1mm)
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)	16 x 16 mm ±0.2mm



MO-S8616-4V



MO-S8616-4CS



MO-S8616G

Other information

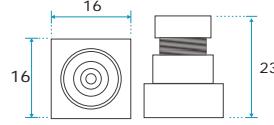
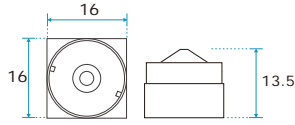
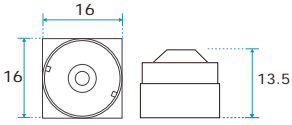
Model	Built-in Lens	<p>note: MO-S8616A A: W/MIC.</p>
MO-S8616-2C	2.5mm/F2.5	
MO-S8616-3C	3.7mm/F2.0	
MO-S8616-4C	4.3mm/F2.0	
MO-S8616-4CS	4.3mm/F2.0	
MO-S8616-4V	4.3mm/F2.0	
MO-S8616-3T	3.1mm/F3.4	
MO-S8616-4T	3.9mm/F3.9	
MO-S8616-3F	3.7mm/F2.0	
MO-S8616-4F	4.3mm/F2.0	
MO-S8616G	3.6mm/F2.0	

Body Type

4V Lens

4CS Lens

3G Lens



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-S8516
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)	16 x 16 mm ±0.2mm
UTC control function	with UTC control function



MO-S8516-4V



MO-S8516-4CS



MO-S8516-3G

Other information

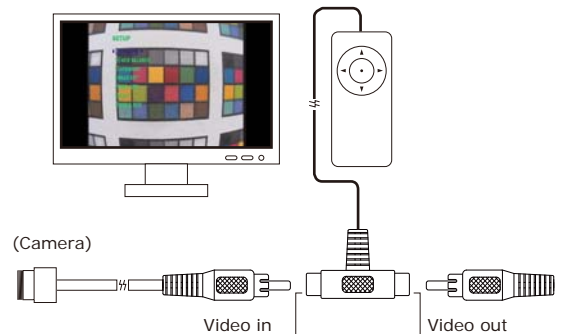
Model	Built-in Lens
MO-S8516-2C	2.5mm/F2.5
MO-S8516-3C	3.7mm/F2.0
MO-S8516-4C	4.3mm/F2.0
MO-S8516-4CS	4.3mm/F2.0
MO-S8516-4V	4.3mm/F2.0
MO-S8516-3T	3.1mm/F3.4
MO-S8516-4T	3.9mm/F3.9
MO-S8516-3G	3.6mm/F2.0

note:
 MO-S8516A A: W/MIC.

MO-S8516 series + UTC remote function



▲ UTC-100 (sold separately)



Body Type

Camera with UTC remote function
(UTC-100 Sold separately ▶ MO-S8516 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 —
- 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

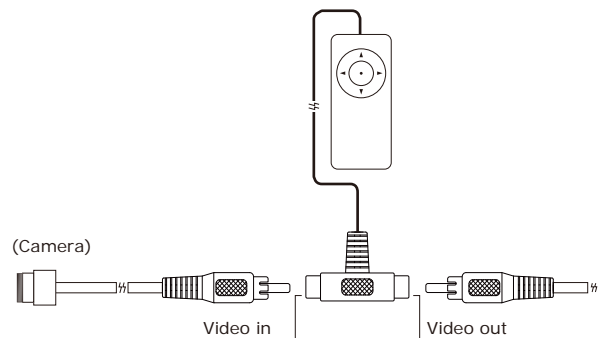
● **RESET**

(reset current setting back to default setting)

● **SAVE & EXIT**








(exit after saving current setting)

(UTC Controller sold separately)



Mobile digital video recorder + Camera

Order information (Various DVR can connect to MISUMI's camera as below:)

Image							
Model	MP-VRM203HD	MP-300E	MP-400E	MP-455E	MP-600SD	WF-AV100	WF-AV200
Display	N/A	2.5" TFT	2.5" TFT	2.5" LTPS TFT	3.5" touch screen TFT	N/A	N/A
External Memory	support up to SDHC 64GB	support up to SDHC 32GB	support up to SDHC 128GB	support up to SDHC 32GB, Built-in flash memory 128 MB	support up to SDHC 32GB	support up to SDHC 64B	support up to SDHC 64B
Function	1.Self-timer Mode, 2.PreviewOSD displaying icons , 3.Setup REC. , 4.Normal REC. , 5.Loop overwrite REC. 6.Motion detect, 7.Snapshot	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Loop overwrite REC. 5.IR Remote control 6.Snapshot 7.monitor sleep mode	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Loop overwrite REC. 5.IR Remote control 6.Snapshot 7.monitor sleep mode	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Snapshot, 5.monitor sleep mode	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Loop overwrite REC. 5.IR Remote control, 6.Motion detect, 7.Snapshot 8.monitor sleep mode	1.Normal REC.	1.Normal REC.
Compression	H.264	H.264	H.264	MPEG4	MPEG4	H.264	H.264
Video Input	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)
Video Input Interface	Ø2.5mm phone plug	Ø2.5mm phone plug	Ø2.5mm phone plug	Mini 4 pin(female)	Ø2.5mm phone plug	Ø2.5mm phone plug	Ø2.5mm phone plug
File format	(.mov), (.jpg)	(.avi), (.jpg)	(.avi), (.jpg)	(.wav/.mp3/.asf/.wma), (.jpg)	(.avi), (.jpg)	(.avi)	(.avi)
Video resolution	HD 720p / max 30 fps	D1 720x480	D1 720x480	VGA 640 x 480	D1 720x480	D1 720x480	D1 720x480
Photo resolution	HD 720p	D1 720x480	D1 720x480	VGA 640 x 480	VGA 640 x 480	N/A	N/A
Date and time stamping	Support	Support	Support	Support	Support	Support	Support
WiFi function	N/A	N/A	N/A	N/A	N/A	Support	Support
App/Apk	N/A	N/A	N/A	N/A	N/A	Android / IOS	Android / IOS
Battery	N/A	NP-60 (1030mAh)	NP-60 (1030mAh)	NP-60 (1030mAh)	NP120 (2000mAh)	N/A	1100mAh
Power input/charging	5V/520mA	5V	5V	5V	5V	5V	5V
Dimension(mm)	32x68	63.5(L)x95.5(H)x21(W)	63.5(L)x95.5(H)x21(W)	63.5(L)x95.5(H)x21(W)	93(L)x70(H)x28(W)	54.5(L)x28(H)x10(W)	73(L)x36.6(H)x12(W)