

1 / 4" B/W CMOS SENSOR SPECIFICATIONS

Without Audio and IR

Image Device: OV5116

TV System: CCIR / EIA

Effective Pixels: 352 x 288 pixels / 320 x 240 pixels

Sensing Area: 3.2mmx2.5mm

Scanning System: 2:1Interlace

Sync. System: Internal

Resolution: 240TV lines

Horizontal Sync. Frequency: 15.625KHz / 15.734KHz

Vertical Sync. Frequency: 50Hz / 60Hz

Minimum Illumination: 0.5Lux/F1.2

Video Output: 1.0vp-p, 75Ohm

Gamma Consumption: 0.45

AGC: Auto

S/N Ratio: Better than 46dB

White Balance: Auto

Electronic Shutter: 1/50 ~1/6000 Seconds

BLC: Auto

Current Consumption: 50mA

Power Supply: DC12V

Operating Temperature: -10° C~45° C , RH95% MAX

Storage Temperature: -30° C~60° C, RH95% MAX

Lens: f=3.6mm / F = 2.0

Lens Angle: 69°

1 / 3" COLOR CMOS SENSOR SPECIFICATIONS

Without Audio and IR

Image Device: OV7910

TV System: PAL / NTSC

Effective Pixels: 628 x 582 pixels / 510 x 492 pixels

Sensing Area: 5.78mm x 4.19mm / 4.69mm x 3.54mm

Scanning System: 2:1Interlace

Sync. System: Internal

Resolution: 380TV lines

Horizontal Sync. Frequency: 15.625KHz / 15.734KHz

Vertical Sync. Frequency: 50Hz / 60Hz

Minimum Illumination: 3Lux/F1.2

Video Output: 1.0vp-p, 75Ohm

Gamma Consumption: 0.45

AGC: Auto

S/N Ratio: Better than 48dB

White Balance: Auto

Electronic Shutter: 1/60~1/15,000 Seconds

BLC: Auto

Current Consumption: 50mA

Power Supply: DC12V

Operating Temperature: -10°C ~ 46°C , RH95% MAX

Storage Temperature: -30°C ~ 60°C , RH95% MAX

Lens: $f=6.0\text{mm}$ / 3.6mm F = 2.0

Lens Angle: 69/92(N);80/110(P)

1 / 3" B/W CCD SENSOR SPECIFICATIONS

Without Audio and IR

Image Device: LG/SHARP

TV System: CCIR / EIA

Effective Pixels: 512 x 582 pixels / 512 x 492 pixels

Sensing Area: 4.9mm x 3.7mm

Scanning System: 2:1Interlace

Sync. System: Internal

Resolution: 420TV lines

Minimum Illumination: 0 Lux/F1.2 with IR; 0.05Lux / F 1.2 without IR

Horizontal Sync resolution: 15,625KHz / 15,734KHz

Vertical Sync resolution: 50Hz / 60Hz

Video Output: 1.0vp-p, 75Ohm

Microphone: Optional

Gamma Consumption: 0.45

AGC: Auto

S/N Ratio: Better than 48dB

White Balance: Auto

Electronic Shutter: 1/50(CCIR) / 1/60(EIA) ~ 1/10,000 Second

BLC: Auto

Current Consumption: Max. 300mA

Power Supply: DC12V

Operating Temperature: -10°C ~ 60°C (LG) / -20°C ~ 75°C (SHARP), RH95% MAX

Storage Temperature: -30°C ~ 80°C (LG) / -40°C ~ 85°C (SHARP), RH95% MAX

Lens: $f=3.6\text{mm}$ / 2.8mm F = 2.0

Lens Angle: 92/120

1 / 4" COLOR CCD SENSOR SPECIFICATIONS

Without Audio and IR

Image Device: SHARP

TV System: PAL / NTSC

Effective Pixels: 512 x 582 pixels / 512 x 492 pixels

Sensing Area: 3.6mm x 2.7mm

Scanning System: 2:1Interlace

Sync. System: Internal

Resolution: 420TV lines

Minimum Illumination: 1 Lux/F1.2

Horizontal Sync. Frequency: 15.625KHz / 15.734KHz

Vertical Sync. Frequency: 50Hz / 60Hz

Video Output: 1.0vp-p, 75Ohm

Gamma Consumption: 0.45

AGC: Auto

S/N Ratio: Better than 48dB

White Balance: Auto

Electronic Shutter: 1/60(NTSC) / 1/50(PAL) ~ 1/10,000 Seconds

BLC: Auto

Current Consumption: Max. 100mA

Power Supply: DC12V

Operating Temperature: -20° C~70° C, RH95% MAX

Storage Temperature: -40° C~85° C, RH95% MAX

Lens: f=3.6mm / F = 2.0

Lens Angle: 69°

1 / 3" COLOR CCD SENSOR SPECIFICATIONS

Without Audio and IR

Image Device: SHARP

TV System: PAL / NTSC

Effective Pixels: 512 x 582 pixels / 512 x 492 pixels

Sensing Area: 4.9mm x 3.7mm

Scanning System: 2:1Interlace

Sync. System: Internal

Resolution: 420TV lines

Horizontal Sync. Frequency: 15.625KHz / 15.734KHz

Vertical Sync. Frequency: 50Hz / 60Hz

Minimum Illumination: 1 Lux/F1.2

Video Output: 1.0vp-p, 75Ohm

Gamma Consumption: 0.45

AGC: Auto

S/N Ratio: Better than 48dB

White Balance: Auto

Electronic Shutter: 1/60(NTSC) / 1/50(PAL) ~ 1/10,000 Seconds

BLC: Auto

Current Consumption: Max. 100mA

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Power Supply: DC12V

Operating Temperature: -20°C ~ 70°C , RH95% MAX

Storage Temperature: -40°C ~ 80°C , RH95% MAX

Lens: $f=3.6\text{mm}$ / 2.8mm $F = 2.0$

Lens Angle: 92/120