



FEATURES

- High resolution CMOS camera (1.23 Mega pixels)
- 1/3.2” Color CMOS high resolution image sensor
- IP69K Waterproof Rating
- Diagonal 130° Viewing angle
- Normal/Mirror Image adjustable
- Ultra low light performance
- Automatic Electronic Iris
- Built-in Microphone (for one-way Audio)
- Built-in Infra Red LEDs
- Automatic Electronic Iris
- Built-in Automatic Heater (below +10°C)
- Temperature Range -40°C to +80°C
- Vibration resistant (10G)
- Motorized shutter (to protect the lens surface)
- Waterproof screw type connector, 4-pin mini-DIN
- ECE R10.05 approved (EMC)

Specifications

Image Sensor	1/3.2” CMOS Sensor (Exmor)
Effective Pixels	CVBS - PAL, 1.23Mega pixels, 1280(H) x 960(V)
Resolution	750 TV lines
Synchronizing System	Internal
Video Output	75Ω, 1.0Vp-p
Audio	High Sensitive C-Microphone
S/N Ratio	Minimum 45dB (at AGC off)
Minimum Illumination	0 Lux (IR LEDs on)
Power Consumption	DC 12V, 420mA (heater ON) DC 12V, 332mA (heater OFF)
Power Range	DC 9V ~ DC 48V
Heater Power Range	DC 9V ~ DC 12V
Operating Temperature	- 40°C to + 80°C
Lens Viewing angle	130° Diagonal, 102.2° Horizontal, 72.8° Vertical
Dimensions	95.9(W) x 43(H) x 67.6(D) mm (camera only) 109.2(W) x 85.5(H) x 80(D) mm (incl. bracket & sunvisor)
Weight	386g (total weight incl. bracket & sunvisor : 524g)





FEATURES

- High resolution CMOS camera (1.23 Mega pixels)
- 1/3” Color CMOS high resolution image sensor
- IP69K Waterproof Rating
- Diagonal 130° Viewing angle
- Normal/Mirror Image adjustable
- Ultra low light performance
- Automatic Electronic Iris
- Built-in Microphone (for one-way Audio)
- Built-in Infra Red LEDs
- Auto Iris
- Built-in Automatic Heater (below +10°C)
- Temperature Range -40°C to +80°C
- Vibration resistant (10G)
- Motorized shutter (to protect the lens surface)
- Waterproof screw type connector, 4-pin mini-DIN
- ECE R10.05 approved (EMC)

Specifications

Image Sensor	1/3.2” CMOS Sensor (Exmor)
Effective Pixels	CVBS - NTSC, 1.23Mega pixels, 1280(H) x 960(V)
Resolution	750 TV lines
Synchronizing System	Internal
Video Output	75Ω, 1.0Vp-p
Audio	High Sensitive C-Microphone
S/N Ratio	Minimum 45dB (at AGC off)
Minimum Illumination	0 Lux (IR LEDs on)
Power Consumption	DC 12V, 420mA (heater ON) DC 12V, 332mA (heater OFF)
Power Range	DC 9V ~ DC 48V
Heater Power Range	DC 9V ~ DC 12V
Operating Temperature	- 40°C to + 80°C
Lens Viewing angle	130° Diagonal, 102.2° Horizontal, 72.8° Vertical
Dimensions	95.9(W) x 43(H) x 67.6(D) mm (camera only) 109.2(W) x 85.5(H) x 80(D) mm (incl. bracket & sunvisor)
Weight	386g (total weight incl. bracket & sunvisor : 524g)





FEATURES

- 2.07 Mega pixels Full HD SONY CMOS Color camera
- 1/2.8” Color CMOS high resolution image sensor (STARVIS)
- HD-TVI 4.0, 1080P/30fps
- IP69K Waterproof Rating
- Diagonal 136° Viewing
- Normal/Mirror Image switching
- Ultra low light performance ,Built in ICR filter block
- Automatic Electronic Iris ,WDR Function
- Built-in Microphone
- Built-in IR LED’s
- Built-in Automatic Heater (below +10°C)
- Temp. -40°C ~ 80°C
- Vibration resistant (10G)
- Auto shutter heating camera
- Motorized shutter (to protect the lens surface)
- Waterproof screw type connector (IP67), 4-pin mini-DIN
- ECE R10.05 approved (EMC)

Specifications

Image Sensor	1/2.8” SONY CMOS Sensor (STARVIS)
Effective Pixels	2.07 Mega pixels    1920(H) X 1080(V)
Resolution	1080 TV lines
Scanning System	Progressive
Video Output	HD-TVI 4.0, 1080P/30fps
Audio Input	High Sensitive C-Microphone
S/N ratio	Minimum 48dB (at AGC off)
Minimum illumination	0 Lux (IR LED’s on)
Power consumption	DC 12V, 420mA (Heater on) DC 12V, 332mA (Heater off)
Power range	DC 9 ~ 48V
Operating temperature	-40°C to +80°C
Viewing angle	136°(Diagonal) x 120°(Horizontal) x 66°(Vertical)
Dimensions	95.9(W) x 43(H) x 67.6(D) mm 109.2(W) x 85.5(H) x 80(D) mm (incl.bracket & sunvisor)
Weight	386g (total weight incl. bracket & sunvisor: 524g)