



This small video camera has 220 lines of resolution. It is the latest design and it is made for security applications or video surveillance. Small camera measures only 9.6 X 3.2 mm.

**WARNING:**

Please use only regulated power 3V!

WARRANTY FOR THIS ITEM IS NOT APPLICABLE.

The camera has been professionally tested before shipped. If you damage it there is no warranty for the product. Please use only regulated power supply 3V max/ 20 mA or a small watch battery 3V cell. The camera must be bypassed with a 10uF capacitor on DC line +-. If camera used with a watch battery the bypass cap is not needed but it is recommended. The voltage higher than 3.3 V will destroy the circuit.

Technical Specifications	
Image sensor	1/18"Color CMOS Camera
Video system	NTSC
Number of Effective pixels	320x240
Scanning system	2:1 interlace
Resolution ( TV lines)	240 TV lines
S/N Ratio	More than 48 dB
Minimum illuminator	2 Lux at F1.2
Electronic shutter	1/60~1/57,000
Horizontal sync frequency	15.734 kHz
Gamma consumption	0.45
Audio output	20-16000 hZ , S/N more than 58 dB ( optional)
Built-in lens	0.77 mm/ F 3.0 <105 °C> , 0.96/ 3.0mm <55°C>
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Power supply	DC 3.0 V
Power current	25 mA (Max.)
Dimension (mm)	3.2 mm only