



Monochrome and Colour models

Monochrome models offering good low-light capability and response to Infra-red illumination

Colour models in standard and high resolutions

Microphone and Audio circuit on some models

Variety of lens attachment options

Lenses

SKL / CPLT .

F= Approx.
(mm) Diagonal

2.9 100°
3.7 92°
4.0 80°
6.0 54°
12.0 26°

3.7mm lens as standard.

PH pinhole lenses- 3.7mm

CS CS-mountings allow manual iris and special lens attachment.

PCB camera modules

Compact circuit board cameras.

Fixed focus lenses.



Connection

The cameras are fitted with a 5-inch, 3-wire lead. Audio equipped models have a 4-wire lead. These tinned leads are for power, ground and video signal connections plus audio signal where applicable.

The picture output is a standard PAL composite video signal. (1V p-p)
The audio output is a standard line-level signal (1V p-p)

The signals share a common ground connection that is also the 0V level for the power supply.

Model	SM1286	SM386	B686-LED	SM686H	CS202	CB21	CB70	CB60H
	Monochrome	Monochrome	Monochrome	Monochrome	Colour	Colour	Colour	Colour
Interline Transfer CCD	1/4"	1/3"	1/3"	1/3"	1/4"	1/3"	1/3"	1/3"
Horizontal Resolution	380 TVL	380 TVL	380 TVL	570 TVL	330 TVL	330 TVL	330 TVL	450 TVL
Light Sensitivity	0.1 Lux	0.1 Lux	0.2 Lux	0.1 Lux	3 Lux	3 Lux	2 Lux	2 Lux
Signal to Noise Ratio	>45 dB	>45 dB	>45 dB	>45 dB	>45 dB	>45 dB	>46 dB	>46 dB
Iris / Exposure	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Lens housing type	CPLT	SKL	CPLT	CPLT	CPLT	SKL	CPLT	CPLT
Lens options	PH	PH	PH	PH	PH, Vari	PH, CS	PH, CS, Vari	PH, CS
Board size	32 x 32 mm	32 x 32 mm	38 x 38mm	38 x 38mm	32 x 32 mm	32 x 32 mm	38 x 38 mm	38 x 38mm
Facility		Audio option	IR-LEDs	Audio option	Audio option		Audio option	

Signal	Composite Video into 75 Ohm	Operating Temperature	-10 to +55 °C
Gamma Correction	0.45	Storage Temperature	-20 to +70 °C
Auto Exposure	Electronic (1/50-1/80,000 sec)	Air Humidity	Maximum 85%

These cameras require a regulated 12V DC power supply.

These modules may be susceptible to static discharges and the dislocation of surface components. Handle with care taking the appropriate precautions.

Not suitable for use without protective encasement.

Whilst every effort has been made to ensure the accuracy of the information provided, no liability can be undertaken for any errors or omissions. All dimensions stated in this document are approximate. Stortech Electronics Ltd reserves the right to alter the specifications and introduce improvements without prior notice.

Stortech Electronics Ltd.
Harlow,
Essex.
Great Britain

Telephone 01279 419913
www.stortech.co.uk

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Stortech Electronics Ltd