

Monochrome and Colour models

Mini Domes Interior dome housing with camera.

Compact dome camera for discreet installation in internal environments.

Locating the camera.

When selecting a location to mount the camera consider the following.

- Ensure the ceiling is in sound condition, is clean and dry.
- Ensure that the required view is not obstructed.
- Target the lens away from direct sunlight.

The unit requires a regulated 12V DC power supply and will output a composite video signal to connect to further monitoring appliances.

The camera is fitted and supplied with a colour coded connection terminals.

It is recommended that Co-axial (RG59) cable or a dedicated video multi-core cable is used to link the camera to further equipment.

Lenses

F= (mm)	Approx. Diagonal
2.9mm	120°
3.6mm	90°
6.0mm	54°
8.0mm	40°
12.0mm	26°

Fixed focus units have 3.6mm lens as standard. Alternatives can be specified.

Vari-focal Lens 4-8mm (80° -40°)



Dimensions	D-80	D-10	D-12
Base Diameter	100mm	120mm	140mm
Base Depth	25mm	25mm	30mm
Dome Diameter	80mm	100mm	120mm
Overall Depth	70mm	80mm	90mm
Mass	250g	350g	450g

Terminal allocations

RED	+12V DC
BLUE	0V and Video Ground
YELLOW	Video Signal

The Camera will require a regulated 12 Volt DC supply.

Monochrome	D80-SM1286	D10-SM386	D10-SM686H	D12-B686V	D12-B686HVAI
Interline Transfer CCD	1/4" – Mono	1/3" – Mono	1/3" – Mono	1/3" – Mono	1/3" – Mono
Horizontal Resolution	380 TVL	380 TVL	570 TVL	380 TVL	570 TVL
Light Sensitivity	0.2 Lux	0.2 Lux	0.12 Lux	0.2 Lux	0.2 Lux
Signal to Noise Ratio	>45 dB				
Iris / Exposure	Electronic	Electronic	Electronic	Electronic	DC Auto-Iris
Lens housing	CPLT	SKL	CPLT	V4-8	V4-8
Spectral Response	380-1000 nm				
Power (12V DC)	85mA; 1.0W	100mA 1.2W	100mA 1.2W	85mA 1.0W	85mA 1.0W

Colour	D80-CS201	D10-CB70	D10-CB60H	D12-CB70V	D12-CB60HVAI
Interline Transfer CCD	1/4" – Colour	1/3" – Colour	1/3" – Colour	1/3" – Colour	1/3" – Colour
Horizontal Resolution	330 TVL	330 TVL	450 TVL	330 TVL	450 TVL
Light Sensitivity	4 Lux	2 Lux	1 Lux	2 Lux	1 Lux
Signal to Noise Ratio	>45 dB	>46 dB	>46 dB	>46 dB	>46 dB
Iris / Exposure	Electronic	Electronic	Electronic	Electronic	DC Auto-Iris
Lens housing	CPLT	CPLT	CPLT	V4-8	V4-8
Spectral Response	380-660 nm				
Power (12V DC)	100mA 1.2W	140mA 1.6W	160mA 1.95W	140mA 1.6W	160mA 1.95W

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%

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.

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