



PT-10 series, PT-Remote Kit

# PT-Dome system

## Motorised Pan and Tilt domes with Infrared remote control

Allows up to seven cameras to Pan and Tilt and view their surroundings under remote control.

**Infra-red remote control**  
**Auto-pan feature**  
**Up to Seven Domes under one controller**

### Functions

Domes are selected and controlled by a hand-held infrared remote unit.

Control of Pan, Tilt and Auto-Pan functions.

Auto-pan feature allows camera to sweep back-and-forth, between user-set limits, for up to ten minutes.

### IR Receiver module

The PT-10 domes can be controlled remotely from an Infrared handset when they are connected to the Infrared receiver module.

The Receiver module should be secured to a surface that is in a clear line-of-site from where the user wishes to operate the system from.

The infrared transmission can operate over a range of up to 25 feet (8m), depending on battery condition.

Each camera can be individually controlled by the operator in both the Pan and Tilt functions.

The domes can be set to Auto-Pan over a pre-defined region, as set at installation.

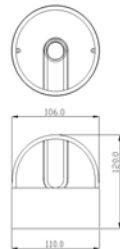
### Lenses

SKL /CPLT options.

F= (mm)	Approx. Diagonal
2.9	100
3.7	92
4.0	80
6.0	54°
12.0	26°



Maximum Pan sweep of 320°  
 Pan rate 55°/sec  
 Maximum Tilt Sweep of 90°  
 Tilt rate 40°/sec  
 (Horizontal to vertical)



### Command signal

The command signal is transmitted from the Receiver box through a pair of dedicated signal cables. These carry RS485 serial control signals, which carry commands addressed to each of the connected units.

### Power

Power to the dome is supplied via the 2.1mm DC jack. Each unit requires 12V DC to power the movement and camera unit. The IR receiver also requires 12V DC / 2.1mm DC jack.

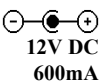
### Video

The video output lead is fitted with a Female BNC connector. This allows a standard co-axial or other video cable to be connected easily.

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

Dome Model	PT-SM386	PT-SM686H	PT-CS202	PT-CB70	PT-CB60H
	Monochrome	Monochrome	Colour	Colour	Colour
Interline Transfer CCD	1/3"	1/3"	1/4"	1/3"	1/3"
Horizontal Resolution	380 TVL	570 TVL	330 TVL	330 TVL	450 TVL
Light Sensitivity	0.2 Lux	0.12 Lux	4 Lux	2 Lux	1 Lux
Signal to Noise Ratio	>45 dB	>45 dB	>45 dB	>46 dB	>46 dB
Iris / Exposure	Electronic	Electronic	Electronic	Electronic	Electronic
Lens housing	SKL	CPLT	CPLT	CPLT	CPLT
Spectral Response	380-1000 nm	380-1000 nm	380-660 nm	380-660 nm	380-660 nm

Signal	Composite Video into 75 Ohm	Operating Temperature	-10 to +55 °C	Dome Diameter	100mm
Gamma Correction	0.45	Storage Temperature	-20 to +70 °C	Base Diameter	110mm
Auto Exposure	Electronic (1/50-1/80,000 sec)	Air Humidity	Maximum 85%	Overall Depth	115mm



**This product is suitable for indoor use only.**

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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