

STH-3230

Outdoor camera housing

- IP67 rated
- Side opening
- Wall bracket supplied
- Bracket with partial cable feedthrough
- Construction: die-cast aluminium
- Integrated sunshield
- Easy access to terminal block at the back of the housing
- Dual heaters
- Version with 12 VDC camera power supply available
- Optional 24 VAC heaters



The STH-3230 series outdoor housings are ideal for environmental camera protection in a wide temperature range. Integrated sunshield ensures protection from direct sun light falling on the viewing window and prevents glare. The shield design provides air gap for additional camera protection from overheating at high temperatures, making the STH-3230 series particularly suitable for IP cameras.

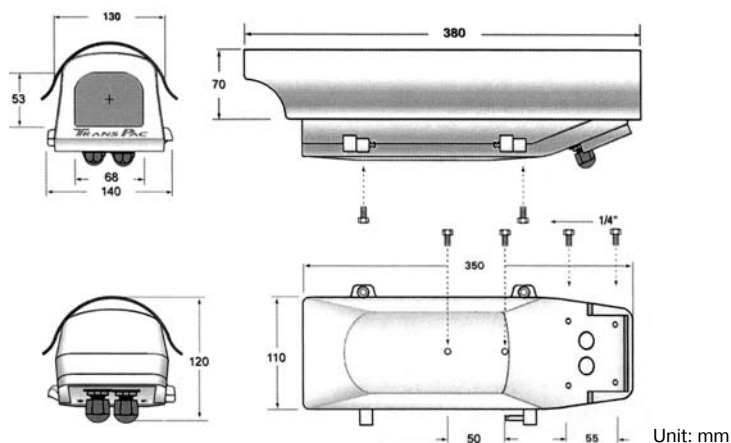
Dual heaters first of all ensure wider operating temperature range, and allow to solve the problem of the housing window fogging. The first heater prevents window condensing at positive temperatures and heats the air inside the housing, while the second provides wider low-temperature operating range.

There are two models in the series: STH-3230D without power supply, and STH-3230D-PSU1 with built-in switched camera power supply. Due to use of 1 A power supply, the STH-3230D-PSU1 is suitable for most 12 VDC cameras.

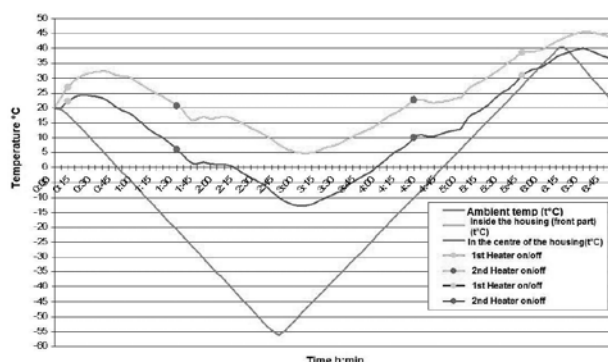
Side opening of the housing top provides easy access to camera, allowing to adjust camera position on the mounting plate. The housings are equipped with cable glands, while the supplied bracket provides for partial cable feedthrough and allows to hide the cable inside the wall or feed it outside from the bottom of the bracket.

OUTDOOR CAMERA HOUSINGS

Dimensions



Environmental test result



STH-3230 with two heaters

For environmental testing, the housings were placed into heat chamber. The temperature inside the chamber was set to +20°C and then changed at the rate of 1°/min. A standard B/W camera with lens, and two temperature sensors (one in the center of the housing above the camera, the other over the lens) were installed inside the housing.

For the STH-3230 series housings, when temperature inside the heat chamber was rising from -56° to +41°, the temperature in the center of the housing was changing from -12.9° to +39.9°C, and the temperature above the lens - from +5° to +45.6°C.

As the chart shows, operating temperature range is within -55° to +50°C.

Specifications

Model:	STH-3230D	STH-3230D-PSU1
IP rating:	IP67	
Construction:	Die-cast aluminium	
Number of Heaters:	2	
Heater ON/OFF:	1-st heater: ON at +18°C; OFF at +28°C 2-nd heater: ON at 0°C; OFF at +10°C	
Operating Temperature:	-55° to +50°C	
Built-in Power Supply:	No	220 VAC / 12 VDC, 1 A
Input Voltage:	230 VAC (24 VAC optional)	
Effective Internal Space:	260x90x70 mm	
Dimensions :	380x140x120 mm	

Accessories

STB-C20	Pole mount adapter for STH series housings
STB-C21	Corner mount adapter for STH series housings