

Code: DS-2TE127-G4A

Black body **DS-2TE127-G4A** Hikvision

Black body DS-2TE127-G4A is a benchmark for thermal emissivity of a black body with temperature control, used as a reference point for calibrating thermal imaging cameras and measuring temperature with their help. The device should be placed in the field of view of the thermal imaging camera, facing forward towards its lens. Then you should configure the camera sensitivity in such a way that the result of the temperature measurement by the camera on the surface of the pattern corresponds to the temperature set in the device.

Leaving the pattern running in the thermal camera's field of view allows you to monitor the correctness of its configuration on an ongoing basis and make any corrections. Maintaining a correctly calibrated camera is crucial when measuring the surface temperature of the observed objects accurately.



Adjusting the reference temperature:	5 °C ... 50 °C
Setting resolution:	0.1 °C
Setting accuracy:	± 0.1 °C
Setting stability:	± 0.1 °C/h
Effective Emissivity:	0.97 ± 0.02
Size of the reference surface:	Ø 70 mm
Main features:	Possibility to mount on a tripod - 1/4" thread
Power supply:	100 V ... 240 V AC
Power consumption:	≤ 20 W
Operation temp:	0 °C ... 40 °C
Weight:	1.85 kg
Dimensions:	177 x 120 x 120 mm
Manufacturer / Brand:	Hikvision
SAP Code:	315800009
Guarantee:	3 years